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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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gattccagtc tgcattaaag tcattgagga caagagtgga cggcagagtt ttcaagctgt    2460

gacagatcat atgctggcca ttggcagcct ggaccatgcc cacattgtaa ggctgctggg    2520

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caacggttat gtcatgccag atacacacct caaaggtact ccctcctccc gggaaggcac    3720

cctttcttca gtgggtctca gttctgtcct gggtactgaa gaagaagatg aagatgagga    3780

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2848-65-pct.ST25.txt

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agatgaagac tatgaatata tgaatcggca acgagatgga ggtggtcctg ggggtgatta        4020

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ggggcctgga catcaggccc cccatgtcca ttatgcccgc ctaaaaactc tacgtagctt        4140

agaggctaca gactctgcct ttgataaccc tgattactgg catagcaggc ttttccccaa        4200

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agctagtgcc tttagagggt accgtcttct ccctattccc tctctctccc aggtcccagc        4320

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catctttgtg taaaccataa tccacatgtg ccgtaaatga tcttcactcc ttatccgagg        5460

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<210> 16
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<213> Homo sapiens

<400> 16
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2848-65-pct.ST25.txt

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acctagaaga taaaaacagt cctttctact atgactggca cagcctccag gttggcgggc      180

tcatctgcgc tggggttctg tgcgccatgg catcatcat cgtcatgagt gcaaaatgca      240

aatgcaagtt tggccagaag tccggtcacc atccagggga gactccacct ctcatcaccc      300

caggctcagc ccaaagctga tgaggacaga ccagctgaaa ttgggtggag gaccgttctc      360

tgtccccagg tcctgtctct gcacagaaac ttgaactcca ggatggaatt cttcctcctc      420

tgctgggact cctttgcatg gcagggcctc atctcacctc tcgcaagagg gtctctttgt      480

tcaatttttt ttaatctaaa atgattgtgc ctctccaaaa aaaaaaaaaa aaaaaaaaaa      540

aaaaaa                                                                  546
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<211>   1938
<212>   DNA
<213>   Homo sapiens

<400>   17
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cgtccacact gctcgcttcg gatactccag gcgtctcccg ttgcggccgc tccctgcctt      180

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2848-65-pct.ST25.txt

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gcctggctct gggcctcctc tccccatggc tcagcgagca ctgagctggc cctacttcca     1380

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ggccgagctc ctggggagct cctgggaccc ttggctatga aaatgagccc tggctcccac     1680

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aatcttgccc actggccgct gagcgccccc gagccctgac tcctggactc cggaggactg     1860

agccccacc ggaactgggc tggcgcttgg atctggggtg ggagtaacag ggcagaaatg      1920

attaaaatgt ttgagcac                                                   1938
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<211>    561
<212>    DNA
<213>    Homo sapiens


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agcaggatgc ggatgctgag cattacaagg gaaatgatta ttctgagaga ggaagtatgg     180

ggtgctatgg gaacatacaa ccaggacct aattttatgg aaagggacc agcccagatc       240

caacacttgc tctcccagtt tacctccagt aggttctttt taacttgaac taatcttgtt     300

tggtggggta cacagtgagg aaaaagaaga gctagtgaca aaatctaact cccttctcag     360

tcttaagcaa ggtgaaggca agggagtaga agatatcaag ggagtgagtg gtggtagcca     420

ccaaagggag atagcagact gaggncctaa aaaagaaag gaaatctaaa tctatcagca      480

ggncngagaa agaatgctta aggtgattan atgggatcct ggatgncctt tcccggattt     540

taaaagaanc cnaaccnggg a                                               561
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<211>    3891
<212>    DNA
<213>    Homo sapiens

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```

2848-65-pct.ST25.txt

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gcaagttgaa aagtgcacca gaccaggagg tgagaatact tctcctgggc ttggataatg      240

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cacagggttt caacatcaaa agtgtacaat cacaaggttt taaactgaat gtatgggaca      360

ttggtggaca gaggaaaatc agaccatact ggaagaatta ttttgaaaat accgatattc      420

ttatatatgt aatcgacagt gcagacagaa aaagatttga agagacgggt caggaactag      480

cggaattact ggaggaagaa aaactaagtt gtgtgccagt gctcatcttt gctaataagc      540

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tccgcgaccg agtctggcag atccagtctt gctcagctct cacaggagag ggcgttcagg      660

atggcatgaa ctgggtctgc aaaaatgtca atgcaaagaa gaaataaaat ctagacgaat      720

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tgaccaaatg ttttttccatc tgtgtacagc tccagctgtt tgaagagagg aacaacacg      840

gtttagaaag aatcccccatt ccagcagtag atttaactga tctctgaggt tcagtatcat      900

ttttcaaata aaggaattat attatttcct ctgcataatt gaaatagtat taaatgtctc      960

aaagcacatg attagaaaat gagatctttt aaatgagcaa gagattgcat tgcagtttag     1020

acaattccag tgggcttttt tttcctctca aaaaaaaaaa aagaaaaaga aaaagaggaa     1080

gaagcagctt tgctgagttc atttatttac tgacccgtcc cttgcattcc ctccatggtt     1140

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agcattgccc ggctcctgaa ttaaactctg ttctggtgcc tgagctcagg ggttttcaga     2100

gaatgaataa agagactgtcc agtgactggt gggtccctgg gggccagctg ccttctcatc     2160
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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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aagcttttgc agttcagtct gctgtgcgga tggctcgatc cctttcacagg actcaggatt     240

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acagtgacga tgaccttgag aggagctcag cggaagaagg ggaagcggag gaagctgatg     1620

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```

2848-65-pct.ST25.txt

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gtgagcctgc acttcgtgct ctgggctgc ctgcacgtgt accagcgcat gatcgacaag      1800

gcggaggacg tgtgcctgtt cgtagcgcag cccggggaac tggtggggca gctggcggtg      1860

ctcactggcg aacctctcat cttcacactg cgagcccaac gcgactgcac cttcctgcgg      1920

atctccaagt ccgacttcta tgagatcatg cgcgcacagc ccagtgtggt gctgagtgcg      1980
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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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actgcctccg agatggagga ggagaagtcg attctccggc aacgacgctg tctgccccag     4200

gagccgcccg gctcagccac agatgcctga ggacctcgac aggggtcacc ccctccctcc     4260

cacccctgga ctgggctggg ggtggccccg tgggggtagc tcactccccc tcctgctgct     4320

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa a                                  4471


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ggccaaggct gggtttccct catgtatggc aagagctcta ctcgtgcggt gcttcttctc      180

cttggcatac agctcacagc tctttggcct atagcagctg tggaaattta tacctcccgg      240

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cctgtgggtg atgctctaac agtgacctgg aattttcgtc ctctagacgg gggacctgag      360

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cgggtgtctt gggatgggaa tcctgagcgg tacgatgcct ccatccttct ctggaaactg      480

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acagactaac aattttagat ggaagctgag atgatttcca agaacaagaa ccctagtatt      840

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ttctgcagca tattagattc tagacaagca acaccctct ggagccagca cagtgctcct      960

ccatatcacc agtcatacac agcctcatta ttaaggtctt atttaatttc agagtgtaaa     1020

ttttttcaag tgctcattag gttttataaa caagaagcta catttttgcc cttaagacac     1080

tacttacagt gttatgactt gtatacacat atattggtat caaaagggat aaaagccaat     1140

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tgtgtttact ctctttcctt cccacattct caattaaaag gtgagctaag cctcctcggt     1260

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2848-65-pct.ST25.txt

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cacttgtcac ttttcttctg tgctgggaaa aataatcaac aatgtgggtc tttcatgagc    1560

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cttttttaat tctaattcac ttgtttattt tgggggagga agactttggt atggagcaaa    1860

gaaataccaa aactacttta aatggaataa aaccaacttt attctttttt tcccccatac    1920

tggtagataa agcaaacttt ataagtgggc tattgaaaga aaagttacaa gcttaagata    1980

cagaagcatt tgttcaaagg atagaaagca tctaaaagtt taggctcaag atcaatcttt    2040

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ctggaatttt caaacagatt atctgtattt aaatgtatag accttgatat ttttccaata    2160

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tctgtctcat tctgcctttt atactgtcta aaaaagcaaa gttttaaagt gcaattttaa    2280

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gtttccctca tgtatggcaa gagctctact cgtgcggtgc ttcttctcct tggcatacag     180

ctcacagctc tttggcctat agcagctgtg gaaatttata cctcccgggt gctggaggct     240

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2848-65-pct.ST25.txt

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gaggaaaggc tcaaccaaga gaaaaaggtc tctgtttatt tagaagacac agactaacaa      780

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tcatacacag cctcattatt aaggtcttat ttaatttcag agtgtaaatt ttttcaagtg     1020

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taattcactt gtttattttg ggggaggaag actttggtat ggagcaaaga aataccaaaa     1860

ctactttaaa tggaataaaa ccaactttat tctttttttc ccccatactg gtagataaag     1920

caaactttat aagtgggcta ttgaaagaaa agttacaagc ttaagataca gaagcatttg     1980

ttcaaaggat agaaagcatc taaaagttta ggctcaagat caatctttac agattgatat     2040

tttcagtttt taatcgactg gactgcagat gttttttctt ttaacaaact ggaattttca     2100

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aaattgtatg atttacatat gaacctcagt tctgaaattc attacatatc tgtctcattc     2220

tgcctttttat actgtctaaa aaagcaaagt tttaaagtgc aattttaaaa ctgtaaatta     2280

catctgaagg ctatatatcc tttaatcaca ttttatattt tttcttcaca attctaacct     2340

ttgaaaatat tataactgga tatttcttca aacagatgtc ctggatgatg gtccataaga     2400

ataatgaaga agtagttaaa aatgtatgga cagttttttcc ggcaaaattt gtagcttatg     2460
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2848-65-pct.ST25.txt

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gcactttttgt attgtaattt atttttttatt atgctttaaa cacgtatgta aataaacctt    2580

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ctgctggacg tagcggtacg aatacacgag gtagagcacg gtgacaagcc gagaggaacg      600

atgcggcttg ccacgctgc atggcatctg cgtagcctgc accatcatgt acgccagcat       660

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aaataggtaa atgtcttgtt gaaagggtta agatactgac aggacatacc ttcctgttcc      180

atcctatata aaatccactc atgagttgga tgccaagtat agatttctga aactcataac      240

caccaatcac gataatgcaa tcattaaaac tcacaccatt gcaggacca agtataaaat        300

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tggggcaatg gctattggct ttttaatgga aattaaagaa gaattttttct attattctgt     420

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2848-65-pct.ST25.txt

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aataatatta ctatgtggct aaacaattcg aacccaccag tcacctttgc aacactatat       600

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tttgtaaaga aaacaacaga aatctttatg caatttgtga attttgtata ttaggagga      1860

aaagcttcct atattttat atttaccttt aattagtttg tatctcaagt accctcttga      1920

ggtaggaaat gctctgtgat ggtaaataaa attggagcag acagaaaaga tatagcaaat      1980
```

2848-65-pct.ST25.txt

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aagaaaagag agacaagtgc tcttctctct atctatgctt aatgccttta tgtaagttac    2160

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2848-65-pct.ST25.txt

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cccatatctg ataagcttta tggattattg catttaattc cttttatttg gagggtttta    4200

cttccttgtt aacatataaa gttataaatg aaggacaagg aggagatgga aaatgtgtat    4260

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2848-65-pct.ST25.txt

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gtcccagagt tggtacgaga aaaacgattt ggaaattggc tgaaagatgc acgtgactgg    1620

acaatttcca gaaacagata ctggggcacc cccatcccac tgtgggtcag cgatgacttt    1680

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acggccctct ttggacaacc gcctttcaag aacgtaattg tgaatgggct tgtcctggca    2040

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2848-65-pct.ST25.txt

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agtgttgtca ctagcatttt tggtgtgaaa aatacagagc tggctgtctt ccatgatgaa      3660

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2848-65-pct.ST25.txt

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caacaggcat atgcctcact actgcctgga gaagggagag attcaggtcc tccagcagcc    2040

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agcccccagc ttcaggcctc agtgtctgcc agtcaagctt cacaggcatt gtgatggggc    2160

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gaagatctgt agcctcaccc tgctctcctt cctcctactg gctgctcagg tgctcctggt     180

ggaggggaaa aaaaagtga agaatggact tcacagcaaa gtggtctcag aacaaaagga     240

cactctgggc aacacccaga ttaagcagaa aagcaggccc gggaacaaag caagtttgt     300
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2848-65-pct.ST25.txt

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ctcatgccta aagctcaagg atgagagagt ctattggaaa caagttgccc ggaatctgcg        480

ctcacagaaa gacatctgta gatattccaa gacagctgtg aaaaccagag tgtgcagaaa        540

ggattttcca gaatccagtc ttaagctagt cagctccact ctatttggga acacaaagcc        600

caggaaggag aaaacagaga tgtcccccag ggagcacatc aaaggcaaag agaccacccc        660

ctctagccta gcagtgaccc agaccatggc caccaaagct cccgagtgtg tggaggaccc        720

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gtctttgagc tgaatgagcc agagtgataa tttcagtgca acgaactttc tgctgaatta       1140

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aaaaaaaaaa aaaaaaaa                                                     1219
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gcccaaagaa ctacccgccg gggccctggc gcctgcccct ccttggcaac ttcttccttg        180

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2848-65-pct.ST25.txt

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atgtccaatg ttaccttgag aaaaatgtct cccacaggaa atgagatgaa gagcaccact    180

cagggaacca cacggaagca gcaggatttt cacgaggtga caaaagaag aactttctta    240

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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acaatgaaag cagaaaccaa tgatagctat catatcatac tgaagtagga gtgcggcgtt      1980

tcgtgcccag tggctgctcc ttccttcacc tctgaaaacg gccctcttga aggggggatat      2040

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cttaataaaa taaccgtccc cgccagtcag aagttgaggc agcttcaaaa gatggtccat      240

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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gattttgtgg agcttttagg acgttctgaa tatgtggaga aattctacag gattaaaaag    4260

aacatcgatc agtgctcaga gattgtgaaa tgcagtgtta gctccctggg attcaatgtt    4320

cattaaaaat atccaagatt taaatgccat agaaatgtag gtcctcagaa agtgtataat    4380

aagaaactta tttctcatat caacttagtc aataagaaaa tatattcttt caaaggaaca    4440

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2848-65-pct.ST25.txt

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ttggctctgc ttttaacttt ataaatccag tgacctctct ctctgggact tggtttcccc      4860

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aataaccaag atatttttat cccaagaatg caagatttca gaaaatgaaa aatctgttga      5820

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ctggaagcgc cgcgaagtct ttcgcaagtc aggggccacc tgtggacgct cagacaccta       240

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ccctgcgtgt gatctcaccc tcttcgactt caaacaaggc atcttgtgct atccagcccc       360

caaggcccat cccgtggcgg ttgccagcaa gaagcgaaag aagccttcaa ggccagccaa       420
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2848-65-pct.ST25.txt

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caaagactgt cgagcacaga gaattgcctt caaccgggaa cagagaatgt ttaagcgtgt      660

gggctgtggg gagtgtgcag cctgccaggt aacagaagac tgtgggggcct gctccacctg      720

cctcctgcag ctgccccatg atgtggcatc ggggctgttc tgcaagtgtg aacggagacg      780

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tgactccaag atggctgcca ggcggcgccc cggagcccag ccactgcctc caccaccccc     1020

atcacagtcc ccagagccca cagagccgca gccctacacg aaccgccggc agaaccgcaa     1080

gtgcgggggcc tgtgcagcct gcctacggcg gatggactgt ggccgctgcg acttctgctg     1140

cgacaagccc aaaattcgggg gcagcaacca gaagcgccag aagtgtcgtt ggcgccaatg     1200

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2848-65-pct.ST25.txt

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actgccgccc gccacagcag gttggagagc agtgacgggg atggggcctg gtgccccgca    420

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agtcttgatt cccccttaa tgtgcgtaag ggacacctt tgctggtagc tgtcaagatc   2160

ttacggccag atgccaccaa gaatgccagg aatgatttcc tgaaagaggt gaagatcatg   2220

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2848-65-pct.ST25.txt

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gcagtggtct gggataagtc atccccagtg gaggctctga aaggtctggt ggataagctt    180

caagcgttaa ccggcaatga gggccgcgtg tctgtggaaa acatcaagca gctgttgcaa    240
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2848-65-pct.ST25.txt

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ctttttctga aggagccagt agagacagct gtagataaca atagcaaagt gaagacagca      420

tctaagctgt gttcagccct gactctttct ggtcttgtgg aagtgaaaga gctgcagcgg      480

gagcccctaa cccctgagga agtacagtct gttcgagaac accttggtca tgaaagtgac      540

aacctgctgt ttgttcagat cacaggcaaa aaaccaaact ttgaagtggg ttcttctagg      600

cagcttaagc tttccatcac caagaagtct ctccttcag tgaaacctgc tgtggaccct       660

gctgctgcca agctgtggac cctctcagcc aacgatatgg aggacgacag catggatctc      720

attgactcag atgagctgct ggatccagaa gatttgaaga agccagatcc agcttccctg      780

cgggctgctt cttgtgggga agggaaaaag aggaaggcct gtaagaactg cacctgtggc      840

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accatgcagt gcttcagctt cattaagacc atgatgatcc tcttcaattt gctcatcttt      180

ctgtgtggtg cagccctgtt ggcagtgggc atctgggtgt caatcgatgg ggcatccttt      240

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ctcacctgtg atgaagttct acaaaggatt gaatctttgg aagaagaaat tatctcaaaa       660

ggaattaaac ttgtgattct tgactctgtt gcttctgtgg tcagaaagga gtttgatgca       720

caacttcaag gcaatctcaa agaaagaaac aagttcttgg caagagaggc atcctccttg       780

aagtatttgg ctgaggagtt ttcaatccca gttatcttga cgaatcagat tacaacccat       840

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2848-65-pct.ST25.txt

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agacccataa ccattatgca agtgttccta tttccccctc ctcccagctc ctggaaaccc    1680

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atgagtgtct gtctgcgggt agagctctat ggctgcctct ggagggatgg actcctgtct     720

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acctatgacg gacataccgt gggcggactg cagtatgggg gtctgggcca gctggcagat     840

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tttgaccggc tgagggcctt ccaggctatg caggtccact gtaacaacat gcacacgctg    1020

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2848-65-pct.ST25.txt

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gagggggagc ccatgcgcca caacctaggg ggcaacctgg gggaccccag agcccgggct   1140

gtctcagtgc cccttggcgg ccgtgtggct cgctttctgc agtgccgctt cctctttgcg   1200

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attgccctca tgctctggcg gctgcactgg cgcaggctcc tcagcaaggc tgaacggagg   1500

gtgttggaag aggagctgac ggttcacctc tctgtccctg gggacactat cctcatcaac   1560

aaccgcccag gtcctagaga gccacccccg taccaggagc cccggcctcg tgggaatccg   1620

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tgggccaaac ccaccaacac ccaggcctac agtggggact atatggagcc tgagaagcca   1800

ggcgccccgc ttctgccccc acctccccag aacagcgtcc cccattatgc cgaggctgac   1860

attgttaccc tgcagggcgt caccgggggc aacacctatg ctgtgcctgc actgcccçca   1920

ggggcagtcg gggatgggcc ccccagagtg gatttccctc gatctcgact ccgcttcaag   1980

gagaagcttg gcgagggcca gtttgggggag gtgcacctgt gtgaggtcga cagccctcaa   2040

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gtcaagatct tacggccaga tgccaccaag aatgccagga atgatttcct gaaagaggtg   2160

aagatcatgt cgaggctcaa ggacccaaac atcattcggc tgctgggcgt gtgtgtgcag   2220

gacgacccccc tctgcatgat tactgactac atggagaacg gcgacctcaa ccagttcctc   2280

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cctggacaca ctctcatgtc cccttcctgt tcttccttcc tagaagcccc tgtcgcccac   3120
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2848-65-pct.ST25.txt

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ccagctggtc ctgtggatgg gatcctctcc acccacctct agccatccct tggggaaggg   3180

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acaacactga ttcctggaca ggtggctgcg cccccagctt ctctctccct gtcacacact   3300

ggaccccact ggctgagaat ctgggggtga ggaggacaag aaggagagga aaatgtttcc   3360

ttgtgcctgc tcctgtactt gtcctcagct tgggcttctt cctcctccat cacctgaaac   3420

actggacctg ggggtagccc cgccccagcc ctcagtcacc ccccacttcc cacctgcagt   3480

cttgtagcta gaacttctct aagcctatac gtttctgtgg agtaaatatt gggattgggg   3540

ggaaagaggg agcaacggcc catagccttg gggttggaca tctctagtgt agctgccaca   3600

ttgatttttc tataatcact tgggtttgta catttttggg gggagagaca cagattttta   3660

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<213>  Homo sapiens

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caaggtcaaa gacagcagcg ttggcaaaat gatcgggcaa gcaactgcag cagaccagga    180

gaaaaaccct gaaggtgatg gcctccttga gtacagcacc ttcaacttct ggagagctcc    240

cattgccagc atccactcct tcgaactgga cttgctctaa ggccaagact tctctctccc    300

atcaccttgc cctcattgtc ttccctctca agccccttcc tttccactcc tttcccattt    360

taatcttgtt ctctccctac tgtgttggtg gtgctgatga atctgccaga gttgagttct    420

atgtatttat ttatctatct gtctactcca tttctctcaa aagccctcaa gtcacaaagt    480

aaatggttca agcaatggag tactgggtca cagggattcc tcctttcccc cccaaatatt    540

aactccagaa actaggcctg actggggaca cctgagagta gtatagtagt gcaaaatgga    600

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attttagaag tagctaattt cttttctcaa aagagtgtcc cttcttcaca cctactcact    960

ttacaacttt gctcctaact gtgggttgaa aactctagct aaagaaagtt atcaaatctt   1020

aacatgcatt cctactatta tgatagtttt taaggtttca attcaatctt ctgaacggca   1080

taagtcctat tttagcctta cctcctgcat ttgcaatacg taatactgat cagtgggcac   1140
```

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2848-65-pct.ST25.txt

```
agttcttcag ctacattgag accctgaaat gaacaattat attctgactc gacatcttgt    1200

ccccaatcct tccaaaaata ttgatggtga tttgtgctac catttactcg tttatttaat    1260

aaagacattc aatcccagga aaaaaaaaaa aaaaaaaaaa aa                        1302
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<210>   61
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<212>   DNA
<213>   Homo sapiens

<400>   61
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aggaagaggg caggcgaggc gggaaggtgg gctctggccg ccgggagccg gggacggagc    180

cgccgccgtt gcccctagcg gggagcagcc gggaggaggg ggccgcagtc gggagagggg    240

accccaccat gcccaaagtc ttcctggtga agaggaggag cctgggggtc tcggtccgca    300

gctgggatga gctcccggat gagaaaaggg cagacaccta catcccagtg ggcctaggcc    360

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agagcgaaac ccccgagccc ggcgacgccg agggccccga tggacacctg gcgaccaagc    540

agcgcccggt cgccagatcg aaaatcaagt tcaccacagg cacgtgcagc gactcggtgg    600

ttcacagctg tgacctgtgt ggcaagggct ccgtctgca gcgcatgctg aaccgtcacc      660

tcaagtgcca caaccaggtg aaaagacacc tgtgcacctt ctgcggcaag ggcttcaacg    720

acacccttcga cctgaagagg cacgtccgca cacacacagg cattcgtccc tacaaatgca    780

acgtctgcaa taaagccttc acccagcgct gctctctgga gtcccacctg aagaaaatcc    840

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attgcggcta cacgggcccc acccaggagg acctgtacct gcacgtgaac agtgcccatc    960

cgggcagctc gtttctcaaa aagacatcta aaaactggc agcccttctg cagggcaagc    1020

tgacatccgc acaccaggag aataccagcc tgagtgagga ggaggagagg aagtgaggag    1080

aaggaagggg aggacagacg ttcacactgc cacgtatgtc tacgtggatt tttggttttc    1140

agcttcccc accccactgg ctcttcttaa ttagaagtga ccagttcacc tctgtgtcct    1200

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aaggagaggt atttcttaga gagatcatca tttttatggtg ccttgaaata aaaatacttc    1440

tacttgaaat gctaaaaaaa aaaaaaaaaa a                                    1471
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<211>   1062
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2848-65-pct.ST25.txt

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<213>   Homo sapiens

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gtgattcacc agaaaagtac cactgtaagt catgagatgt ctggtctgaa ttggaaaccc     120

tttgtatatg gcggccttgc ctctatcgtg gctgagtttg ggactttccc tgtggacctt     180

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tatagaggga tgttccatgc gctgtttcgc atctgtaaag aggaaggtgt attggctctc     300

tattcaggaa ttgctcctgc gttgctaaga caagcatcat atggcaccat taaaattggg     360

atttaccaaa gcttgaagcg cttattcgta gaacgtttag aagatgaaac tcttttaatt     420

aatatgatct gtggggtagt gtcaggagtg atatcttcca ctatagccaa tcccaccgat     480

gttctaaaga ttcgaatgca ggctcaagga agcttgttcc aagggagcat gattggaagc     540

tttatcgata tataccaaca agaaggcacc aggggtctgt ggaggtgctt atgttcaaaa     600

gctgttaccg gctgtgtgct gtggctcatg cctgtaatcc cagcactttg ggaggccaac     660

gcgggtggat cacttgaggg tgtggttcca actgctcagc gtgctgccat cgttgtagga     720

gtagagctac cagtctatga tattactaag aagcatttaa tattgtcagg aatgatgggc     780

gatacaattt taactcactt cgtttccagc tttacatgtg gtttggctgg ggctctggcc     840

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tttttttatta catacgagca gctaaagagg cttcaaatct aa                       1062
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<211>   979
<212>   DNA
<213>   Homo sapiens

<400>   63
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tttacggaaa ggggatccgt aggagagccc ccgggacagg acgcggggggc ggtagaaaga     360

gcacagagaa gacaggagga gcgcccgcct tccgggtccc agcatcagag caggcaaaa     420

cacagaaatg agactttggt ccaaaatttg aaggaagaaa aaccctgaa gtttgagagc      480

aaggttgttc tatggcgact gcacggtgaa ggcgtaggtg taaggcaacc ggaggcgatg     540

ccagaggcgg cgacaacggc ccgccccttc cctgaagctc aggggctcta agataggacc     600
```

2848-65-pct.ST25.txt

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ggggctccct gtgcctgacc cactgggcgg cccgacctgc tctctggaaa ctgggtcctg      660

cctgtgactt aattacgaag ggaaaatacc aatgagcgag taagcaggca tagcagggat      720

aactacccac aagggagagt ataagattac attcatacca ttgtatctgt ctggctatgc      780

aagagttcgt tgagaagcta gttctttttg cctattactt ggaaccgcac tgacactttt      840

gctcaacgga gacatgcgga aggccgaacg tagaatgcag ttttaccagc gatgatgcac      900

cgtccagtgc agaagggaac gctgggaaag gacgctggcc ggtgcagaca acaagtaaag      960

cggttggtta acgccacag                                                    979
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<211>    715
<212>    DNA
<213>    Homo sapiens

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ggtgtggagg gccgggaact cccgctgcca cagtcaccaa gagcctgagc tgtccctgtc      240

accgcaggtg aggcaaggtg aactagattt aatttttttt aaaaacaggt aaactgattt      300

ctctttaaaa aaataaaatc tctggtctgc taaggtcact tcagctgttt ttaaagatgg      360

ctttctctgg aatgatggaa gttgtcgcca ggggcccggc gtgtgggcct gtgactcaga      420

tggtggatct ggagaaggag acccgagtga gtggttctcc ccaggttctg gttgtgcagg      480

tcaatgaagg cctggaccgc ctccttcacg agcccatgtg gatgagtggc aatcttgcag      540

tcctttctgg agaacttgaa ttctttgaag tacggcccaa tatgtggaaa ataagaactt      600

gagattcttt cttcgagact taggggcggg attgttggag aagtggagtc ttggcacagg      660

gcggaaatat tttatcggaa attactcgga gacccgactt cttggaagcg gtgca          715
```

```
<210>    65
<211>    918
<212>    DNA
<213>    Homo sapiens

<400>    65
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gcatacgcca tgcatcagat aatggatgca tcagataatg gtgttagaca aagcttcatt      180

gtgaacaacc taatgcattt tagagaaaca atctcatcac atttttttcta gcctttccta      240

catttaaact tgctgttgcc caaattataa tttttttaaat gtctttggtg ggcttctgtt      300

aattcacatg acttgagctt atagctatgt ctactgcaca gattgggtaa tggaacacta      360

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actgtcttgt tgtatgtgag cttttgtagag attttttaaaa atataagcat caccttccca      480
```

2848-65-pct.ST25.txt

```
ttgaagagtg gagagagtct actggatgac tggccaggaa ctttctctct gaatcggaca      540

tttggatgtc ttctttcttc caagaaatgg tggttcacat taaagtatca tggcttatgt      600

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ccacggtcat ttcaaattcc actgccttgg ggatctaaga tatcggggggg caggcccaac      780

attccgacct cactgtctaa tcagtgagca atgctccaaa acattgatgc ccacggcacc      840

tccccgtgtc ccaacgaaca accccacaat tccaacgcgg cccccgatt ctccaccgct      900

ctgctcactt actaatag                                                    918
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<211>    1139
<212>    DNA
<213>    Homo sapiens

<400>    66
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tacattagat atgactggat aggatagaag tgatgcagga ttataagaca taataccata      180

cacagctgca gactgaaaca aacaccattc agaacaagaa aaaggagttt aaagtgcttt      240

tcagckgggc tcaagaccac ttctttccag tcctggaaag aggggctgca tgcagtttag      300

gaaaagcgtg tttttgaact gccacagggt gtcctcgaaa gggcagcccg tcttgatgc       360

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tttcccttcc ttttcagttt ttgatgctgc ctttaaaaat caacttcatg aagtcacaga      480

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ctcatcccta ggctgctttt ggtgtattgt tcagttggtt aaaagataaa agcttacagt      600

ccctttcaaa tggaaacagg atcttttctt ctaaatctga agcacaaaaa aaaaaagtta      660

ttatcctaac tcacaatatc attactgagc aggaacctcc tgtaamaggt gahtaaagar      720

aggaaagaaa agcaaattca gaattgtaga gcagcyccta agagctgaaa tttggtaaca      780

gagggaaaat gaaaggkggt aagatttcca ttagcaaatg attaaatctt aattaaatga      840

gttttggaaa gctcctagac tgcataagct attggagaaa ctwaaaacat ttatatacac      900

tggggaacca tttactatka watgtaacgt taagaaaaaa aattttttttg aactcatggg      960

aaatggtgtt taagagggg gaggggggga agttagttat tgtwtccagt cccccacaag     1020

acttaaaaag catgccaggg ctcagggttt tgagaagggg aaagattggt taaaattgaa     1080

atggaggatm acgctaaatt wakytytttg attttgttwa gatacacmaa aaggtatga     1139
```

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<211>    574
<212>    DNA
<213>    Homo sapiens
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2848-65-pct.ST25.txt

<400> 67

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atcaagagaa cccctcatt gtctacaatc atgcccgctt cctttcccct cagcgcccgg     180

gacacgtgac cgagatcata ccctaaattc ctgatccttt tgcagttgcc acatactgtg     240

gcttttagta catcataaaa aagtgctttc ctgtggcctc agctgggagg ccctggcgct     300

ggggctaagg ggcccaaggc accatccaaa ggctgggagg aaagaaccca acccaggcc     360

ctcctcctgc cctcaagcct ttgacaggca actcatttgg catgatctgt tttggtgtgt     420

ttaaaacata catttgcatg tgtctagtgt aaagcaacaa gtttgaggaa ataagtggaa     480

ggagagagga agttccagtt agatggttcc actagtgtct actggtaatt ggcaaaacta     540

tgagtgttgc taacctgggc tgagggcacc tctg                                 574
```

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<210>   68
<211>   524
<212>   DNA
<213>   Homo sapiens
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<400> 68

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gtaatgtggc catagtgggc gtgggatgag acatcatcag ttcacgccaa cacccgtggc     180

tttcctcagc agcccaggtt tctccatttc cccctctggg ctctgaattt gtcctcctgt     240

cccagactca tagcctcccc taaagggcag aaggtaccag tgaggctgag gctgaaggaa     300

cacccaaaga ctccaagatc ggaggggagg gcccactccc tggagcctac tgaccccctc     360

cagctggact gacagcctgc cagggacaaa gcaggaccct gaccacagga ccctcgggaa     420

tagcccctct actcttgctc cccagggaac tccctggaa gagggaccct cagcatttct     480

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```

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<211>   819
<212>   DNA
<213>   Homo sapiens
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<400> 69

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actacttagg ctggtcacga cacacacaca catacagaga agtcacacag gctgtaccgg     180

gctggctgtt gcaaatgtac atgaattaca cgggttgaag ttgtttggca gctagttaac     240

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ttctttacaa aggtccgtgt gtcgggctgg caaagtggca tcctgctggc atctctgtgg     360

tggccccgga atggtggagt gcccaggtca gcatctactc tgggtcccat tctcaactgc     420
```

2848-65-pct.ST25.txt

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cctgatgtga  actgtgccca  gacacaggat  ggggggaagc  gggagatgtg  accacaacaa     600

ccacacacaa  gctccgatct  ttacagatgg  gccctctggg  actgctatat  ggggtggtgc     660

ccgagagaca  cggggggccat  gtggagccca  ccaggcacag  ttgctgggaa  gaggacagac     720

aggaggggac  ctgtgcccag  tgcctgacct  gaaagcaaag  ccaaaaaggg  tgaagggggaa    780

cgtgttcgaa  caggtgccta  atgttgaaaa  gtcagacta                              819
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<210>   70
<211>   572
<212>   DNA
<213>   Homo sapiens


<220>
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<222>   (1)..(572)
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atgatgtaac  aaggaactta  aaaatgaaga  gtcagatctg  taacttacat  acatgaatac    120

aggaacaaat  tggcacaaaa  tgttaaacat  tgttcccaac  actgtttata  gaagttaatc    180

ctaatttggc  ttactaagga  aatgagagtt  gtatggttag  ctgatttct   ttaataaaac    240

tgcagagcat  catgctatta  gtcacacagt  gaatttcaaa  atttaagttt  tatattaaaa    300

actgggtaaa  ggtaaaatga  cttgattgta  gttgtaaaac  taatacattc  ccatttaagt    360

tctgttctac  agtccaaggc  aagtataaat  gttaacataa  cactgttaaa  tcaaatctca    420

atgcaggaga  accaattgca  tctctacttt  aaatcttatc  aactttccaa  attttcatac    480

taaaatatat  tattgtatta  atacaaacta  cagtattata  cactcacctg  tgtaataaat    540

aaagaaatat  anaaataaga  cacataaata  ta                                    572
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<210>   71
<211>   642
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(642)
<223>   n = a,c,t, or g

<400>   71
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acaagtctgt  agcatctgtg  tacagcaaca  tccatccaaa  ggcagaatca  cagcctcgta    120

tcggcctcga  gtcttgagtc  acattcatat  cttaaaatac  acgagtattc  cttttccgtc    180
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2848-65-pct.ST25.txt

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ggctacccta tcactatgac aaccaagaag gaggctggag cgtgaatccc caacgctgag        360

ggtggggagc catccctctc taccaaggtg gcaatgatgg agggaacttg catggctaag        420

catccaggat gccatgcagc agacaccagg gagcactgag ccactgctgg agcatttcct        480

gcctctgcca ggcggcctgc ggaaagtgtt tcacataact aaaaaaagtc aacacagtct        540

catgtatgca ttaaaaaaaa gctgtcnagt ataaaaancc agacactgga agctgaaaga        600

caagtgagtg tgagagccnt ctccaggcac acagtngagt gc                          642
```

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<210>  72
<211>  543
<212>  DNA
<213>  Homo sapiens


<220>
<221>  misc_feature
<222>  (1)..(543)
<223>  n = a,c,t, or g

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atgatttcac atccagaagc aataaaatgt ggaggtgcaa acattcctta ttcccaataa        120

aagtaaaaaa gtttcaacat gttctgtaag cccttaattg cataaagtat atttagcatc        180

atttacagcc agtacactta tataaactaa ttatcattac cttttacatt ctgcaaaaga        240

aatatgttaa agtaaagaag catggcgaga caaacatgaa ttaaatgtca gttctgatca        300

ttcatgggga aatataagcc gataattata aactactaga taacacaatg attttaacaa        360

tttttgatgt ttttaaagtt aaaaaaactc cactacatgc catattgaaa gaaaaggttg        420

tttttttttt aactgcagca cctttagaca acaaagatt gcatcctgtt caaccacact         480

atataaatta taacatttgt ggaaaatatg tacacacaaa cataaagcaa gtgttctaac        540

agt                                                                      543
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```
<210>  73
<211>  607
<212>  DNA
<213>  Homo sapiens


<220>
<221>  misc_feature
<222>  (1)..(607)
<223>  n = a,c,t, or g

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aatattgaat tgtattgaat agttcacata gtntattcta gtctttgaaa attactgaac        120

atggacaatg tgcatgtcat tgacatctgc cttagaactt ctgggacaat cctgattcga        180
```

2848-65-pct.ST25.txt

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gagattctat cccattattt acatatacca aaaatacttt gttaatttaa tgtgttggct     240

tcccaactcc tgaacacgac acaattttat tattagattt tgtatggtga ttttaggcta     300

tgaaaacatg atcattatat gtatatagat acattttat ttgttacaaa tgtttgagca      360

gctcactagc ccacccctcc tctatttttgg gtaagagaat ttactacctt ttttaactat    420

gtagttgaga gcaacatgta ttttgttatt tttagaatgg tcagtatatt gctataaaat     480

tttaaatgag cctatgaaag ttaaagtatt ctgattctgg ttaaattaac gaatatggtt     540

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aaaaaaa                                                               607
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<212>   DNA
<213>   Homo sapiens

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cccgggggctg tcgtgggctc ccctcgtctt cggctacgtc actgaggatg gggacacggc    240

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cctcgctcag ggccctgacc gtactcccga caccaaccat acccctgtcg ccttgtaccc     600

cgattccgac ttggagaagg aagaagagga gagtgaggag gactggaagc tgcagctgga     660

ggctgaaaac tacgagggcc acaccccact ccacgtggcc gttatccaca aagatgtgga     720

gatggtccgg ctgctccgag atgctggagc tgaccttgac aaaccggagc ccacgtgcgg     780

ccggagcccc cttcatttgg cagtggaggc ccaggcagcc gatgtgctgg agcttctcct     840

gagggcaggc gcgaaccctg ctgcccgcat gtacggtggc cgcaccccac tcggcagtgc     900

catgctccgg cccaacccca tcctcgcccg cctcctccgt gcacacggag cccctgagcc     960

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cgagggcgat gaatacgacg acattgtggt tcacagcagc cgcagccaaa cccggctgcc    1080

tcccacccca gcctcaaaac ctcttcctga cgaccccgc cccgtgtgat ttgtttcatt      1140

gttaatataa tttccagttt aataaacaaa accctagttc tgacaaccag aaaaaaaaa     1198
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<210>   75
<211>   976
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2848-65-pct.ST25.txt

```
<212>  DNA
<213>  Homo sapiens


<220>
<221>  misc_feature
<222>  (1)..(976)
<223>  n = a,c,t, or g

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tacctgccaa atgctatact gtgtcatggt gatgcaagtc actaaatttc tcagtttttg     120

ctgattgcta agggaaataa cagtatttcc acaatagggt tcaaattcct gcaaaattac     180

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tctgctaggt agaggcattt gtcttagaga gagagagagc gcgggagaga gtgagagaga     300

gtgagagcac aaagataacg caggagagag agagagaaag aatgagaaag aaaaggaatg     360

caagagaagg agatgtaatg acagagagtt ctggtgagat acccagagag aaaaagagag     420

agcagggtgg ggtaaggagg agaaaataaa ccaacaatta ggtctgcatt ttctcaggca     480

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aagagtctta attttctaaa acaagttggc tagaagaaag taaaaagaac aacacttgtt     600

atgaggggcc tgtgatattt tcacatctta gttaagctcc ttaagtttga aggctgcaca     660

ctgacataat gtagtgagtg tagactggcc atgcaagtgg ttgggcccca tttcagaaaa     720

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tcactctggt tcgattactg ttgcgaaacc agtcccccat tatgacaata cccagcgggg     840

tctttggtaa catggccgag atgaatcaaa acgggccctt cgggcacgtt aaacctgcta     900

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gccttgaaaa aatanc                                                      976


<210>  76
<211>  5726
<212>  DNA
<213>  Homo sapiens

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cttgcagcaa gcccttgtgt gctttgaaaa gaggctcgtg gttgctcatg aacttggaga     180

ggccttcaat aaagcccagg cctatggaga gctgggaagt ctgcacagcc aattagggaa     240

ttacgaacaa gccatttcct gccttgaacg ccagctgaac attgctagag atatgaaaga     300

ccgagccctg gagagtgacg cagcctgtgg cctggggggc gtttaccagc agatggggga     360

gtatgacaca gccctgcagt accaccagct tgatctacag atagcagagg aaaccaacaa     420

ccccacgtgc caggccgag cctatgggaa cctgggcctg acttatgaat ccctgggcac     480
```

2848-65-pct.ST25.txt

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cttggcggcc aagacggtgt catatagtag ccttggaagg acccatcatg ccttgcagaa      600

ctattcccaa gcagtcatgt acttacagga aggtttaagg ttagctgagc aactgggccg      660

aagagaagat gaggcaaaaa ttcgccatgg ccttggcctc tccctttggg ctagtggaaa      720

cttggaggag gcccaacacc agctttatag ggcatcagcc ttgtttgaaa caatccgaca      780

tgaggcacag ctgagcacgg actacaaact ctccctcttt gacctgcaga catcatccta      840

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tcctggggca ggaattgtga gtttcatga acactacctg ggtgagaaca cagtggaaaa      1140

ctcaagtgac ttccaggcca gcagcagtgt aacccttcca acagcaaccg gctcagccct      1200

ggagcagcac attgccagtg tccgggaggc cctgggggtg gagtctcact actcaagggc      1260

ctgtgccagc agtgagacag agagtgaagc gggagacatc atggaccagc aatttgaaga      1320

gatgaacaac aaactcaact cggtcactga ccccactggc tttctgcgga tggttcgccg      1380

caataacctg tttaacagga gctgccagag catgacgagc ctgttcagta acactgtgtc      1440

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tcctttcgcc ctcctgaagg gaagctcctc caatgagtac ctctacgagc gcttcggcct      1680

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atcggccgtg atggacaggt ggctgtgggg gcccatgcca tcggccgagg aagaggccta      1860

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ggtcatgagt gccctgaccc aggctgaatg cgtccacttt gccacccaca tctcctggaa      1980

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ggacctgcag ctgcctgtga gctggtggt gcttggctcc tcccaggagt ccaacagcaa      2220

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tgtcctcgtg tctctgtggc ctgtgccagt ggctgcttct aagatgttca tccatgcctt      2340

ctactcatcc ctgctgaacg gcctgaaagc cagcgccgcc ctgggggagg ccatgaaggt      2400

ggtgcagagc agcaaggcct tctcgcaccc ctccaactgg gcagggttca tgctcatcgg      2460

gagtgacgtt aagctgaaca gcccctcatc actcatcggc caggccctca cagagatcct      2520
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Page 101

2848-65-pct.ST25.txt

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gcagcacccg gagcgtgcgc gggacgccct gcgagtgctg ctgcacctgg tggagaaatc   2580

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aaaggtgcag gctgtccata acctgaagat gttctggcag agcacacccc agcattccac   4440

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2848-65-pct.ST25.txt

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<213>    Homo sapiens

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2848-65-pct.ST25.txt

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cgtctcactt gttgccaagg ctggagtgca gtggcgcaat ctcagctcac tacaagttcc       1560

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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ccagctccag ttttctcatg cgaatatgca cagttttaat tcacgttgtt acactagcct      3060

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tgggcggggc tcccccagcca tcaccatcct gtgtacaatg gctgtagact tgtatatggc      3300

tcctttaata ttgtaaagat gctgatgtac aattgtcgtg catttgtgtg aacacattgc      3360

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2848-65-pct.ST25.txt
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2848-65-pct.ST25.txt

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gatccttgct gcagtccctc cggagaggat ctggactggc tgggagtggg gagggcgtgg   2100

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a                                                                   2221


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2848-65-pct.ST25.txt

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gatggcttaa agccagaaag agctgaggga gttaagaggg ccaaccttag ggcacgtggg   2040

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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Page 169

2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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gaaacaaaag ggtatttctt ttctctcttc agcccccaac ccagtggagg cccggcttgg    180

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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gatagcagaa cagctcttgt tggtctgaga aggcaggata agtgaccaca tatttatgcc   2760

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cacccaagaa ccgtttcaga tcttctctgt gctgatgcag gtagttttaa atttttctca   3000

gttccagtga tagaaaccc acacaataca tcctctgcca gtcttaatag aatatcagag   3060

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ccgggtcagc ctgccattta gggaaagagc tgaggttctt acccttgttg catgctgcca   3180

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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gctttgtaac ttatctggaa gggaaagcac atgccttcac gggcaggatg atcaagcggt      5700

gctgattcac gagagtggaa gcctccagag cttggggctt tctggctgct cttcattgac      5760

ctgtgtgttc ccagcacacg aacagcgccc ctaacggaga tttgttcagc gactgaatat      5820

acacctgtaa acgagtagca tgtatacatt gattttgatt acaaatggtt ctgtattat      5879
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<210>   102
<211>   1889
<212>   DNA
<213>   Homo sapiens

<400>   102
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gccggggggc cggcggcggg gaggccgggg cctgcaggcc cccggtacga caagatccgg      180

actccggccc ggactacgag gcgctgccgg ctggagccac tgtcaccacg cacatggtgg      240

caggcgccgt ggcagggatc ctggagcact gcgtgatgta ccccatcgac tgcgtcaaga      300

cccggatgca gagtctacag cctgacccag ctgcccgcta tcgcaatgtg ttggaggccc      360

tctggaggat tataagaacg gagggcctat ggaggcccat gaggggctg  aacgtcacag      420

caacaggcgc agggcctgcc cacgcccttt attttgcctg ctacgaaaag ttaaaaaaga      480

cattgagtga tgtaatccac cctggggggca atagccatat gccaatggt  attgagcctt      540

cctgtgctgg ttcccccact ttcccaactc tttgggcttt gctgctgtca gtgctttcca      600

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ttctcagaat gatctttatt gataagactt gagctggcct tcctatcatg gatgtggaat      780

acattagtga ccttacaaag ttggtgggaa cagatacttt accttcttaa acaggagttt      840

aggagcagtg ggtccccatc ttttggacta gctcttaacg ttacttttcc ccgctgtagt      900

gtagcacagc cactcccctt cactggggga cctcagtgag ttggtcagct ctcttggcct      960

tacatgtggc agttgttttc ttgtttgcag gtgcggccgg gtgtgtggca acattacttc     1020

atgatgcagc catgaaccct gcggaagtgg tcaagcagag gatgcagatg tacaactcac     1080
```

2848-65-pct.ST25.txt

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cataccaccg ggtgacagac tgtgtacggg cagtgtggca aaatgaaggg gccggggcct    1140

tttaccgcag ctacaccacc cagctgacca tgaacgttcc tttccaagcc attcacttca    1200

tgacctatga attcctgcag gagcacttta accccagag acggtacaac ccaagctccc     1260

acgtcctctc tggagcttgc gcaggagctg tagctgccgc agccacaacc ccactggacg    1320

tttgcaaaac actgctcaac acccaggagt ccttggcttt gaactcacac attacaggac    1380

atatcacagg catggctagt gccttcagga cggtatatca agtaggtggg gtgaccgcct    1440

atttccgagg ggtgcaggcc agagtaattt accagatccc ctccacagcc atcgcatggt    1500

ctgtgtatga gttcttcaaa tacctaatca ctaaaaggca agaagagtgg agggctggca    1560

agtgaagtag cactgaacga agccaggggt tcagatgaca ctgctgcatc ctggtcacat    1620

tctctgtctc ctggaatgct cccacctcaa gtggagttag aaggaaggta gaggggctct    1680

cccccaggat tttggtgttt tgactaacac cagttcctgc caacctctgt tgccaccacc    1740

tttccttcca ggccctaagc acgtgcagca aagcacacca cagcaccttt gataacctct    1800

ctccatcctg ggcctgatga cctgctctag actgttatag agggataagc agctcattcc    1860

cctggttcct aataaaaagc ctttaaatt                                      1889
```

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<211>    2354
<212>    DNA
<213>    Homo sapiens

<400>    103
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gcgccctttg aggccagggc aatacagcac catctctgaa gtagctttgc aatctggaag    180

gggtacagtg tcccttccct caaaggctgc tgagcgggtg gtgggccgat ggctcctggt    240

ctgcagtgga acagtggctg gagcagttat tcttggtgga gtaactaggt tgacagagtc    300

tggcctctcg atggtagatt ggcatttaat aaaggagatg aagccaccta caagccaaga    360

ggaatgggaa gcagaattcc aaagatacca gcaatttcca gaatttaaaa tcttgaatca    420

tgatatgaca ctgacagaat tcaagttcat ctggtacatg gagtactcac accgaatgtg    480

gggtcgcctt gtaggccttg tgtacatcct gcctgctgcc tactttggga aaagggctg     540

gctcagccgt ggcatgaaag acgtgttct tgccctctgt ggcctcgtct gcttccaggg    600

tctgttggga tggtatatgg tgaaaagtgg actagaagaa aaatcagact cccatgacat    660

ccctcgggtc agtcagtacc gccttgctgc ccacctggga tcagccctgg ttctttattg    720

tgccagcttg tggacctcac tgtcactgct actccctccg cacaagttgc ctgaaaccca    780

ccaactccta cagttgagac gatttgctca tggaacagca ggtctggtgt ccttacggc     840

cctctcaggg gctttgtgg cagggctaga tgctgggctt gtttataact cctttcccaa     900

aatgggagaa tcctggatcc cggaggacct ctttaccttc tcccccatcc tgaggaatgt    960
```

2848-65-pct.ST25.txt

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tgccattaca gtgctctact tcctctctcg gagaattccc cttcctagaa ggaccaagat     1080

ggcagcagtg actctgctgg ctttggcgta tacacaggtg ggcttgggca tcagcacgct     1140

gctgatgtat gtcccaactc tctctggccgc cactcaccag tcaggctcct tggctttgct     1200

cactggtgct ctttggctga tgaatgaact ccgaagagtc ccaaaatgat tcttagagga     1260

ccagcctcct gggactgtga ctgcttttga gagctcttca gagatcataa gaacttgggc     1320

ttttctacga gatgaccttg acataccaag tggtttccaa atggtcaact tacttaaaaa     1380

tcttttcctg ttttgagata gtcactggat caagaatgca ttaagtgtgg ttaccctaaa     1440

tgttcccttt taaatctgct tttcatgttg aaaatcagtt ttaatgtaga gaaagaaatg     1500

tctgccattt gctgcttaac aggctttgtg tcaggttttt cagtgttggc aagctcttgg     1560

ttctacgtgg atgatttcta cgtggatgtt ctcctgagtc cttaattctg cctaaataga     1620

atttctttat gatcttaact tcacttccat taggtgaaga ttgaaaggat aggattgaca     1680

tacccaaagt agccagctgg tcttcagcaa aaaaaaaaa gctaatgtct tctaatatcc     1740

tgattttcag aaatggggaa attgcagatt ttgacaagct taatgtgtat atgtagcaaa     1800

atggtttttta agtacttgga aaaggaggta atcgccaaat agttccattt ttttttttttt     1860

ttttgagaca gagtttcact cttgttgccc aggctggagt acaatggcgt gatctcagct     1920

cactctgcaa cctccacttc ccaggttcaa gcgattctca tgcctcagcc tcccgagtag     1980

ctgggactac aggcacaagt caccatgcct ggctaatttt gtattttttag tagagaaggg     2040

gtttcaccac attggccagg ctggtcttga actcctgacc tcaggtaatc cgcccatctc     2100

ggcttcccaa agtgctgaga ttacaggcat gggccaccac ·gcccagctag ttcctctttt     2160

gataaggctg ttaacattac aaggtcagag agaggaatgg aatcgacagt ataaattggt     2220

tcctgagagg gtttcctaac agctttgtaa taagaaaaat atggccttga tggtgtagtg     2280

catggacatc tacccagata aacaaattgt tgactgctga aaaaaaaaaa aaaaaaaaaa     2340

aaaaaaaaaa aaaa                                                       2354
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<211>   1370
<212>   DNA
<213>   Homo sapiens

<400>   104
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tttctagaga agaaggggcc ctgtgaccgg gattacaaga agttctgggc aggcctgcag      180

ggtctcacca tttatttcta caatagcaat cgggacttcc agcacgtgga gaagctcaac      240

ttgggagcat ttgagaaact cacagatgag attccctggg gaagctcacg tgaccctggc      300

acccacttca gcctgattct ccggaatcag gagatcaagt tcaaggtaga gaccttggag      360
```

2848-65-pct.ST25.txt

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tgtcgggaaa tgtggaaagg cttcatctta acggtggtgg agctccgtgt cccgaccgac    420

ttgaccctgc ttcctgggca cctatacatg atgtctgaag tcttggccaa agaggaggcg    480

cgccgtgcac tggagacacc ctcgtgcttc ctgaaggtga ccggctgga ggcacaactg      540

ctcctggagc gctaccccga gtgcgggaac ctgctgctgc ggcccagcgg ggacggcgcc    600

gacggcgtgt cggtcaccac gcggcagatg cacaacggga cgcacgtggt ccggcattac    660

aaggtgaagc gggagggccc caagtacgtg atcgatgtgg aacagccgtt ctcttgcacc    720

tccctggacg ccgtggtcaa ctatttcgtg tcgcatacca aaaaggcgct ggtgccattc    780

ctgttagacg aggactacga gaaggtgcta ggctacgtgg aagccgataa ggagaatggc    840

gagaatgtgt gggtggcgcc ctccgctccg ggcccaggtc ctgcaccctg cacaggtggc    900

cccaagccgc tgtcacctgc gtctagccag gacaagctgc ccccactgcc cccactaccg    960

aaccaggaag agaactacgt gacccccatt ggagatggcc cagctgttga ctatgagaac   1020

caagatgtgg cttcctctag ttggccagtc atcctgaagc caaagaagtt gccaaagcct   1080

cctgccaagc ttccaaagcc acccgttgga cccaagccag agcccaaagt ctttaatggt   1140

ggcttgggca ggaagctgcc agtcagttca gcccagcctc tcttccccac agccgggctg   1200

gcagacatga cggcagagct acagaagaag ctggagaaga ggcgggcact ggagcactga   1260

ttcggacaca ccagggacca gcgggctagt cccagggcat ggcccagcgg ccagattctt   1320

tttcccagga ttaaaactct gaccccagga aaaaaaaaaa aaaaaaaaaa               1370
```

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<210>    105
<211>    2160
<212>    DNA
<213>    Homo sapiens

<400>    105
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tcctggcctg ccctcctcct ccaggcagcc tgtcctcctc ctccaggcag cctgtcctga    120

ccctcagcag cctctcctgg ccttggcaga gcccctcgtg tcctcccttg cagcacgcat    180

gggaagaaag gccatcgtcc tcgccattgc taacaccagc cttgcgtttc ctctttgcca    240

gcacctggtg acgttctgcc tgggtgagga cgatggcgtg cataccgtgg aggatgcctc    300

caggaagttg gccgtcatgg atagccaggg ccgagtctgg gcacaggaga tgctgctgcg    360

agtgtctccc gaccatgtca cgctgctcga cccggcctcc aaggaggagc tggagtcgta    420

cccactgggc gccatcgtgc gctgtgacgc ggtgatgcca cccggcagga ccgctcgtt      480

gctgctgctc gtgtgccagg aacccgagcg cgcgcagccc gacgtgcact cttccaggg     540

cctgcgcctc ggggcggagc tgatccgaga ggacatccag ggggctctgc acaattaccg    600

ctcgggccgc ggggagcgca gggcggcggc gctcagggcc acgcaggagg agttgcagcg    660

cgaccgctcg cccgccgctg agaccccgcc cctgcagcgc cgcccgtcag tccgcgcagt    720

gatcagcacc gtagagcggg gcgcgggccg cggacgaccc caggcgaagc ccattcccga    780
```

2848-65-pct.ST25.txt

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ggcagaggag gcgcagaggc ctgagccggt ggggacctcg agcaacgctg actcggcctc      840

cccggacctg ggtccccggg gtcctgacct ggcggttctg caggcggagc gggaagtgga      900

catcctgaac cacgtgttcg acgacgtaga gagctttgta tcgaggctgc agaagtcggc      960

ggaggcggcc agggtgctgg agcaccggga acgcggccgc aggagccggc gccgggcggc     1020

tggggagggc ttgctgacgc tgcgggccaa gccgccctcg gaggccgagt acaccgacgt     1080

gctgcagaag atcaagtacg ccttcagcct gctggcccgg ctgcgcggca acatcgccga     1140

cccctcctct ccggagctgt tgcacttcct tttcgggcct ctgcagatga ttgtgaacac     1200

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ctcgtggacc cgccccgggc tggagctgtc cccggaggag ggacccccat acagacccga     1380

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gggccgaggc tgggaagtcc gggggcgcgg ccggtccgcc tggccccgcc tgacccgact     1560

gtcttacttc ctacagcaaa gcgcccccca ggtcgctgtc aatggtcacc gagacttgga     1620

gccagaatct gagcctcagc tggagtcaga gacagcagga aaatgggtcc tgtgtaatta     1680

tgacttccag gcccgcaaca gcagtgagct gtcggtcaag cagcgggacg tactggaggt     1740

cctggaggac aaagagaaag tgtcagagct ggaggcagtg atggagaagc aaaagaagaa     1800

ggtggaaggc gaggtggaaa tggaggtcat ttgacctgcc aggcgccctt cgcaaagagt     1860

gacgaggccc cgtgggagaa cggactcctc agactctccc caatagcgga agtcgatctt     1920

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cgatccttgc tgcagtccct ccggagagga tctggactgg ctgggagtgg ggagggcgtg     2040

gagacagtct acggaaagcg ctagcagacc cccgagaggg tgcagtggag ccctgagcat     2100

tgtaatatgc ggcccagcct ataaacagcc tccgtgctta aaaaaaaaaa aaaaaaaaa      2160
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<210> 106
<211> 571
<212> DNA
<213> Homo sapiens

<400> 106
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gcatatacat acaggtttat ttaaatgatt ggatctacac ttttggaggc tatttgaagt       60

atcttatcaa aataaaacgc attttaagca agaagttaaa aaagcttttc agacccgaag      120

gccatttaat acagtaaatc ttacttgggt agtttagcaa acattttta aaacccacat       180

ccaacagatt ggttagtatt agatacacag atttggtttc aaagctgaaa tacccctggt      240

ggaataaatc ttctcatgaa attcagttat attatgccac aaaacaggga cacttatcta      300

ttgacaactt aaatattaac tcagtgggct acctggtgat ataaatagga aaaaaacagt      360

ggtcatggat taggagtgag aagactatga caccagccta ccttggactg ggaccgcaaa      420
```

2848-65-pct.ST25.txt

```
ggatgttaaa atctatccta gaatttaaaa caggagaaat gtcaaatatt ccagtctcca      480

ttcggctcaa gccatcgccc aaggaataca cccccacccc agccccacat gaggtttact      540

aaccagctgc tacagatgtt actatgtcac t                                     571
```

```
<210>   107
<211>   644
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(644)
<223>   n = a,c,t, or g

<400>   107
gcatcctcct gccttggcct cccgagtagc tgggactaca ggcgcacacc accatgccaa      60

gctaattttt aaattttttt gtagagatgg ggtctcactt ttgttgccca gggtgcttta      120

gaacccctgg gctcaagtga tccttgacct cccacagtgc tgggattaca ggtgtgagcc      180

accgtgcctg gcctcatggg ttttctttgt tttgttttgt tttgttttgt agacagagtc      240

tcactctgtc actcaggctg gagtgcagtg gcacgatttt ggctcactgc aacctccacc      300

ttccgggttc aagcgattct cctgcctccg cctcccgagt agttggggtt acaggcatgc      360

gctaccacac ctggctagtt ttttattgtt gttgtttttt gtatttttag tggtgacggg      420

gtttgctctg ttggccaggc tggtctcaaa ctcctgacct caggtgatcc ccacttcagc      480

ctcccaaagt gctgggatga caggcatgag cctctgcacc tggcctcgtg tntttttttt      540

agttagccat tttatacgtg tttactgaac acctgtcctg tgcccatatt ctaagtgcct      600

tacctgcatt aaactcatgt aaccttcaca acccgaaaaa aaaa                       644
```

```
<210>   108
<211>   448
<212>   DNA
<213>   Homo sapiens

<400>   108
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acccttttaaa acagattcaa gtgattcaaa ttccagttac ctctaagtta tattctgtta     120

acaaccacct tgtataaatt ggtttcataa ataaaaactg ctcttaaatg attctgtcag      180

tggatgtcta tccacaagct ttccagcctg gtctgcttta tgtgtacatc ctgaaaattt      240

gccaaaatag cagcaacaac tgatgatatc ataggaaaa aactcactgc cacaagaaac      300

caagcattgt tgagtcaact tcttttttggt cacttgtttt atacttacta gataagccaa      360

aagacctgtt tgttacacaa acatgcatgc atccaggtat taatccattc tcacactgct      420

atgaagaaat acccgagact gggtaatt                                         448
```

```
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<211>   3319
```

```
<212>   DNA
<213>   Homo sapiens

<400>   109
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gctgcggtcg tggcgggatg gtatagccgg gcctgagggc gggcggcggg gcgcgggcgg     120

gggcgaggcg gccgggaagg gccgacgccg cctgactggc ttgggagcag cggcagcaag     180

ctgaggggc gtcgccgccg ccggcccccg gcgccgccgc gggaggccgc gcccgccatg     240

gcggcccggg cggtgctgga cgagttcact gcgccagctg agaaggcgga gctgctggag     300

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ttgattcagg atacttgtgc tgacctctgc attctggaca ttggccttct tggcatcaga     600

ggaagtgctg aggctgtggt catggctagg agtcacattc aacaatttgt aaagctcttt     660

gaaaataaag agaacctacc cagtagtcag aaagaatcag aggtgaaaag ggaattcaaa     720

caatttgttg aagcccatgc agacaattac acaatggatt tgttgatttt gcccacttcc     780

ttgaaaaaag aacttttgac actcacacaa ggtgaggaga tctctttga aacaggagat     840

gatgaggtta ttgaaatgag agattctcaa caaacagagt ttacacagaa tgctgccaca     900

gggctgaata tttctagaga tgaaactgtt ttgcaggaag aggcaagaaa taaagctggg     960

actcctgttt ctgagcttac aaaacaaatg gacacagtcc tttctagctc accagatgtg    1020

cttttgatc caataaatgg tctaaccccca gatgaagagg cactttccaa tgagagaatt    1080

tgtcagaaaa ggagattttc tgattctgaa gaaaggcata cgaagaagca gttttctttg    1140

gaaaatgttc aggaggggga gatttacac gatgctaaga cattggctgg aaatgtaata    1200

gctgacctat ctgattcttc tgctgattct gaaaatttaa gtccagatat aaaagaaact    1260

actgaggaaa tggaatacaa catcctcgta aacttttta aaaccatggg ctactcccaa    1320

gaaattgttg aaaaggtcat taaggtgtat ggaccatcta ctgaaccatt attgctctta    1380

gaggaaattg aaaaagaaa taaagattc caagaagaca gagaatttc agctggtaca    1440

gtgtatccag agaccaacaa aaccaaaaat aaaggtgttt atagcagcac aaatgagctt    1500

acaactgatt ccactccaaa gaaaacacag gctcacacac agcaaaatat ggtagaaaaa    1560

ttttctcagt taccattcaa agtggaagct aaaccatgta cctcaaattg tagaattaat    1620

actttcagaa cagtgccaat agaacagaaa catgaagtct ggggttcaaa ccagaactac    1680

atttgtaaca cagaccctga aactgatggc ctttcacctt ctgttgcctc tccaagtccc    1740

aaagaagtca attttgtttc aaggggagct tcaagtcacc agcccagagt tccactttt    1800

cctgaaaatg gtttacacca gcagccagaa cccttgcttc caaataatat gaaatctgcc    1860

tgtgaaaaac gtttaggatg ttgtagttct cctcattcta agccaaattg ctcaaccctt    1920
```

2848-65-pct.ST25.txt

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tctccaccaa tgccactgcc ccagctgtta ccttcggtta ctgatgcaag gtcggcagga      1980

ccttctgatc atattgattc ctcagttact ggggttcaaa ggtttcgaga tactctaaaa      2040

ataccctaca agctggaatt aaaaaatgaa ccagggagaa cggatttgaa acacattgtt      2100

atagatggga gcaatgttgc aattacccat ggtctgaaaa agttcttttc ttgtcgtgga      2160

attgcaattg cagttgaata tttttggaag cttggcaaca gaaacatcac tgtatttgtc      2220

cctcagtgga gaacaaggcg tgatcctaat gtcacagaac agcacttctt aacccagctc      2280

caggagctcg gaatattatc tttaactcct gcccggatgg tctttggaga aagaattgct      2340

tctcatgatg acaggtttct actacactta gcggacaaaa ctggtggcat aattgtgaca      2400

aatgataatt tcagagaatt tgtgaatgag tcagtctctt ggagagaaat tattacaaaa      2460

aggctgctgc agtacacgtt cgtggggggac atatttatgg ttcccgatga tcctctggga      2520

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aacctgccca tgccagctca gagatcttct gcagaaacca acgagctgag ggaagccctt      2820

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gcgctgagct tgcgctcagg gctggctgat caaactcaag ctcacacctg tacctgatgg      3000

gaatgaacat aatgtgaaga aacttatttc ccagtgtaaa cgcagttgta cagaaaaaaa      3060

atgttttggg tataaatctg ggttttcaaa accagctttt ttctatatat aaattatgct      3120

gctattacag atttaacatt ttctgttaaa ggaaagtcta cattttctgc ctgttcagaa      3180

ctgtttaata gcagttactc ttgagtgtat ttaccttttt atgtttttta aactattttc      3240

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<211>    531
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<223>    n = a,c,t, or g

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ctgctgagct gatgttgtac ttctgaaggc ctgtgatcgc taactgcacc atgaggcaga       180
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2848-65-pct.ST25.txt

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caagcacgag tgtttagaat cctgcatttt caaaggctct tgcccactgg gaactacatg     360

gagaggagat taagaacaac aaccaaaaga ggcagggggt ggggcaggct tgaggtaggg     420

gtgggntggg ntgacagtca acacagctng gaccagaagn ccatggnccc tggctccctg     480

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cctccaggcc ccccagatgg tgccacagtg cccctggagg ggttcagctt atcccaggct     180

gctgacctgg ctaacaaggg cccgaagtgg gagaagagcc atgccgaaat tgcagaacag     240

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gacacccgag atgggcctga agaaggtgct gaagaagagc cccctcaggt gttggagata     1080

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gatgaagagt ttactgccaa cgaagaggaa gcggaggatg aagaggatac tatagcagct     1200

gaggaacagt tggaagggga ggtggatcat gccatggagc tgagcgagtt ggctcgagaa     1260

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gggagcagtg aagatgagga tgaagatgag gttgatgcta atagctctga ctgtgaacca     1380

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2848-65-pct.ST25.txt

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ttggcttgtg agaaaggtaa ctggggtccc catttaatca ttgttcccac cagcgtgatg    1980

ttgaactggg agatggagtt gaaacgttgg tgccccagct ttaaaatcct cacttactat    2040

ggagcccaga aagagaggaa gctcaagcgg cagggctgga ccaagcccaa tgcctttcat    2100

gtgtgtatca catcttacaa gctggtgctg caggaccacc aggccttccg tcgcaagaac    2160

tggcgctatc tcattctgga tgaggcgcag aacatcaaga acttcaagtc cagcgctgg     2220

cagtcactcc tcaacttcaa cagccagaga cgcctgctcc tgacaggaac tcccttgcag    2280

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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gagtagctgg gactacaggc gcgtgtgcca cgccggctaa tttttngtat ttttagtaga     120

gatggagttt caccatgtta cccaggatgg tctcaatatc ctgagttcat gatccacccа     180

ccttggcctc ccaaagtgct gggattacag gcgtgacacn cacacccagc cagttttcct     240

attttctgaa ttcagaattg acttctctgg gaaaactgga gatgagaatc tgcccagtgc     300

tctgctgtcc agtcaccgcc ttttgaattt tagttttggg caccagggag taccgttagc     360

tttccccttc tttctggccc atttgactca tcagcacaat aggggtcaac acctttaact     420

ttttaatttc taantttgtt ttattgtctt tagggggtgtg tatggaaata aaacattgaa     480

cagggtttct tggaggccct caaggtgt                                        508
```

```
<210>    114
<211>    982
<212>    DNA
<213>    Homo sapiens

<400>    114
ttagattcat ctttttaatg acatcctaaa attcagagga ggggccagcg ggacctctgg       60

gctcagcggc tgtgaaggag ggacccgcaa cacccgctaa ggcaggtaat tgcaagaagg      120

cactcgcgag ggggacttca agccctctt ctatttcttc atataaaatc aggggatgg       180

ggaaagctcc aagggcgagg gaagcagaga gagtttctct cccagcctat ggaataagga      240

agaggtgagg aaggggcggg tgctgggagc aagaaactgc caagtccagg acctgccctc      300

acacagacac acacagcccg cacctgccct ccctctaaaa tctgcatccg gggctgtaag      360

gaagccccgt gttcaagccc ccatctcttc tcccttctag ctggtacgaa ttggtaatcg      420

ccactctggg tgatgtagcg aacccagggc agggcctggt aaccactttt ctcaatgatc      480
```

2848-65-pct.ST25.txt

```
ttcatgtatc ggacctggat cccagagacg gtgaagtagg ggatctcaaa cttgaccccg       540

atggggggcc ggcctccacc tcttcctttt ccacactggg gaggccaaag tgggctcgca       600

tcaagtactc cttgcccccc ggaaagactt aaatactcaa atcacgacgt ttctctgcgg       660

cacatacttg gcgctgccca cactggtctt gaatctgggg gagtcggcat cgctgggtac       720

aggcacagat tatctcacac cgttggccac tgactgttta ctaaactgcc ccttgccttg       780

accatgaatc ccacgcggct gtgggagaac tttcaatgac agaatcaatc caattagttg       840

gcttagctgg gtgctggggc ggtatgacat gagcccaaat tcacctcagg cgggaagaaa       900

ggatagggtg cgtcgttatc aagcagaaga acccgacggc ctggtggaat ttttaatctt       960

caactcttaa tgatttgttt tt                                                982
```

```
<210>    115
<211>    477
<212>    DNA
<213>    Homo sapiens

<400>    115
ttccagagcc acattttatt ccaggatgcg acacggggcg gcggatgcct ggcctcggaa        60

acccccctcc tgcctatgag ggcttgtcca gggctcccct ggaacacagc tcagccaggc       120

aaggctggga gagggctggg cccccaggt gacctgcaga cgcctcccc acctacatgc         180

cccacgcaag gggagccctg gagcccggcc tgccttgaca ggaaggagat aggtgaaaaa       240

taaatacacg gctgggccgc ctgcagcaag cgcgacagtg cccgggaccc caggccac         300

tcctgcctct ggtggcctca ccgcggccca ggcctcgtc cccaagggtt cagacaccac        360

tgtcggcgag caccgtgctg ggcgcagagg ccacgtgtgg tgggacggca gcctgctggc       420

ccctccaggt gaggaccagg agcacaggct gtggcaactc cagcccgggc aggggcc          477
```

```
<210>    116
<211>    555
<212>    DNA
<213>    Homo sapiens


<220>
<221>    misc_feature
<222>    (1)..(555)
<223>    n = a,c,t, or g

<400>    116
tgctaagcac ggaggctgtt tataggctgg gccgcatatt acaatgctca gggctccact        60

gcaccctctc gggggtctgc tagcgctttc cgtagactgt ctccacgccc tccccactcc       120

cagccagtcc acatcctctc cggagggact gcagcaagga tcgttaagtc tgtccaccgg       180

gatggggggaa gaccagggcc ggagcagatt ggccatcctt cagaagatcg acttccgcta       240

ttggggagag tctgaggagt ccgttctccc acgggcctc gtcactcttt gcgaagggcg        300

cctggcaggt caaatgacct ccatttccac ctcgccttcc accttcttct tttgcttctc       360

catcactgcc tccagctctg acactttctc tttgtcctcc agcagcgagc gctgcacggt       420
```

2848-65-pct.ST25.txt

```
gacctggctg tacacacgtg cccnctnctc ggggctcacc gcccgcagct tctccctctg    480

cagcgagaaa agctgcgcnc cggtcagcac acccagcgcg tccacggtcc cggagctaaa    540

gcccttggcc tgcag                                                     555
```

```
<210>   117
<211>   510
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(510)
<223>   n = a,c,t, or g

<400>   117
tactctnnat acccacttctt tattaataaa ttttaggttt agctcaatca tttaccggaa    60
```

```
<400>   117
tactctnnat accccttctt tattaataaa ttttaggttt agctcaatca tttaccggaa    60

aagagagttt gagaatgttc gagaatctct accactcggt aaccatgctg gctgttatat   120

cagaaaaatc cataaacata cacagcagcg agctgttttc acaagacttc ctgctaataa   180

acacaacact ttctcctcca ctcagatggg agcctcagat gccaaaacgc agatgtgcca   240

actaactata ggctcgttgc taagcagaga aacctatcaa gtttgtccag caaattcgat   300

tgtacagtgg gatggcgtct gctctgcggc cttggacagg gagccactgg tctgtgctgc   360

tgtcccctga ggcaggtcga agctggtggc ccttagaggg caggtaaaat ggttctcatg   420

ggttagaaca taagggcttt gagaaaaaat gcaaaaggtc tcattgaaat tggaggccta   480

tgtgaatctg tttacatgga ggcataactg                                    510
```

```
<210>   118
<211>   567
<212>   DNA
<213>   Homo sapiens

<400>   118
aatttataaa atatccttta tttattctaa ggaacagtca agcagtagct ttaaaaaaaa    60

aaaaaagaca cattttttga aagatattct tagtgttgtg acctggcatt gggcccctgt   120

gagcgggacg gtggctgaga ccgcctgctg tggctttgcg agttctctgc actcactggc   180

aggggtttgg tgggaaacgg ggaagctttg gcatggttct gtccagttgc ttataatcaa   240

gaataatgag ttttgaggtt tacaaagagc agaagtaaca tttatacggc tggcatttga   300

caaaagattg ctgataatat actcattcca ggaagtgtaa aaatgcttta aaggaatgat   360

aatttgtact tactgtttat ggggactaga tatattagaa ttatagcatc attatgggga   420

catagtgttt ccctataaat tcagaaattc tctggttgat gtaaaatcat acttcctggt   480

tttacttaat tagtaaagaa ataaataaat tagagtacca tttagtcagg tagagttccc   540

cttttttccct ccttataata aatttat                                      567
```

```
<210>   119
```

2848-65-pct.ST25.txt

```
<211>   1506
<212>   DNA
<213>   Homo sapiens

<400>   119
ggtggagcgc acggggcggg cgcacggcca tgtccgccga gggcgcggag ccggggccgg        60

ggtccgggtc cgggcccggg ccggggccac tctgccccga acacggccag gctctgagct       120

ggttctgcgg ctccgagcga cggcccgtgt gcgccgcctg cgcggggttg ggcggtcgct       180

gccggggggca ccgcatccgc cgggcggagg agcgcgccga ggagctgcgg aacaagattg      240

tggaccagtg tgagaggctg cagttacaga gtgctgccat caccaagtat gtggcggacg       300

tcctgccggg gaagaatcaa agagcagtga gcatggccag tgcagcgagg gaactggtta       360

tccagcggtt gagtctggtg aggagtcttt gcgagagcga ggagcagcgg ttactggaac       420

aggtgcatgg cgaagaggag cgggcccacc agagcatcct gacacagcgg gtgcactggg       480

ccgaggcgct gcagaaactt gacaccatcc gcactggcct ggtgggcatg cttactcacc       540

tggatgacct ccagctgatt cagaaggagc aagagatttt cgagaggacc gaagaagcag       600

agggcatttt ggatccccag gagtcggaaa tgttaaactt taatgagaag tgcactcgga       660

gcccactact gacccaactc tgggcaacgg cggttcttgg gtctctctca ggcacagagg       720

acatacggat cgatgagagg acagtcagcc ccttcctgca attgtcagat gatcgaaaga       780

ccctgacctt cagcaccaag aagtcaaagg cctgtgcaga tggcccggag cgcttcgacc       840

actggcccaa tgccctggct gccacctcct ccagaatggg ctccatgcc tggatggtga       900

atgtccagaa cagttgtgcc tataaggtgg gcgtggcttc aggccacctg ccccgcaagg       960

gttctggcag tgactgccgt ctgggccaca atgccttctc ctgggtcttc tctcgctatg      1020

atcaggagtt tcgtttctca cacaatgggc agcacgagcc cctggggctg ctgcggggcc      1080

cagcccagct gggtgtagtg ctggacttgc aggttcagga gctgctcttc tatgagccag      1140

cctccggcat agtgctctgt gcccatcatg tgtccttccc ggggcccctc ttcccagtct      1200

ttgctgtggc cgatcagacc atttctatcg tccgctgacc tctggccaca ggaagccagg      1260

tccaccgccc accacccttt caggccatgt ttctactcag tgtgcttttc ccaaatgatg      1320

tgtgtggtgt ttctaagaga aacagggccc ataaccagtg ggcagcttta ggagggatgg      1380

ggatctgttt cagatctagg cataacctgt aaatcacagg tgtccaaact tttggcttcc      1440

ctgggccaca tttgaagaag aattttcttg ggccacataa aataccctaa cgatggctga      1500

tgagct                                                                 1506
```

```
<210>   120
<211>   942
<212>   DNA
<213>   Homo sapiens

<400>   120
cgtctttggt tatgctagta tcagtcagat gcacttagag tgaagaaaca ctgtaattac        60

agcacacaga ttgcaagtat tgcgtaccaa gtgatacaac tcgaaatgca gttctcatct       120
```

2848-65-pct.ST25.txt

```
tcctgtttgg agcaacatga ttattttatc acgcatcaga gccttcgtgc ttggattatc        180

tggtatgtta acaattctag aaaacattca tgaattcaca aaaatacgtt actatggcag        240

gggaccattt tgtacacatt taagtatata aaaatactaa aatattgtcc ttttataacc        300

aaagtcacgg gtatcttcag gtccagggaa ctagactagg tcatccgtgt acaatggact        360

ggtagttaca gtcttaggtt aaagtattct aatgaagtat gggaactaaa tggctggttt        420

tctaagataa gatatgggat atgggtcata taactttat attttcatga agttgatttg        480

tctggtgtgt catttaaatg gtatcattga agatgtattt tagaccaaag gaattaaatt        540

ttatatttgt caaacaagca acacacaaac acacaaaaaa cttttctgac gacgtagagc        600

ctcgtgaaga atttacaaac catctggttg gcgcccagag ccctatgatg atatgacatg        660

cggcacaaag tggaccaaag aaacctggaa aaaatagtgt gggttccccc caaaaaaaac        720

ccgcgcgggg ccaacaacct gttcttaaca aaccccagg gggtcgctga gcgaacacgg        780

gggctaaacc agagccagga gcataataga cgacagagcc agcatactgt ctaacgaaaa        840

caaactgaaa cacagcaaac gacgaagaca tccacgacag cagaaagcgc aaaagaaaaa        900

aaaagacgag agaagacaca aagaacgaca agagcagcag aa                          942
```

```
<210>    121
<211>    1335
<212>    DNA
<213>    Homo sapiens
```

```
<400>    121
ggagagtgcg gggggcggag gctggcaggg ggcgctggaa gctggagcgg tccgtgcgct         60

ccccgcgccc gagggtgcag gaggctctga agcggctgct gcaccgcggg gcccaggcgg        120

cggctggggg gctggggggc gctgccgccg ccgccgccgg gggcgtcgct ggcctcggcc        180

cctttgttct cgcgcgctcc ccctcgccgc ccactcccct gctgtcgcgc ggcggcggcg        240

gtggcggcgg cggctcctcc cgcccgaggc agtcgggctc ggcgccgggg gcgggagggg        300

gcggggggag cacgccagcc gccgagagtg ggggcgatg gcgaagctcc gggtggctta        360

cgagtacacg gaagccgagg acaagagcat ccggctcggc ttgtttctca tcatctccgg        420

cgtcgtgtcg ctcttcatct tcggcttctg ctggctgagt cccgcgctgc aggatctgca        480

agccacggag gccaattgca cggtgctgtc ggtgcagcag atcggcgagg tgttcgagtg        540

caccttcacc tgtggcgccg actgcagggg cacctcgcag taccctgcg tccaggtcta        600

cgtgaacaac tctgagtcca actctagggc gctgctgcac agcgacgagc accagctcct        660

gaccaacccc aagtgctcct atatccctcc ctgtaagaga gaaaatcaga agaatttgga        720

aagtgtcatg aattggcaac agtactggaa agatgagatt ggttcccagc catttacttg        780

ctattttaat caacatcaaa gaccagatga tgtgcttctg catcgcactc atgatgagat        840

tgtcctcctg cattgcttcc tctggcccct ggtgacattt gtggtgggcg ttctcattgt        900

ggtcctgacc atctgtgcca gagcttggc gatcaaggcg gaagccatga agaagcgcaa        960
```

2848-65-pct.ST25.txt

```
gttctcttaa aggggaagga ggcttgtaga aagcaaagta cagaagctgt actcatcggc    1020

acgcgtccac ctgcggaacc tgtgtttcct ggcgcaggag atggacaggg ccacgacagg    1080

gctctgagag gctcatccct cagtggcaac agaaacaggc acaactggaa gacttggaac    1140

ctcaaagctt gtattccatc tgctgtagca atggctaaag ggtcaagatc ttagctgtat    1200

ggagtaacta tttcagaaaa ccctataaga agttcatttt ctttcaaaag taacagtata    1260

ttatttgtac agtgtagtat acaaaccatt atgatttatg ctacttaaaa atattaaaat    1320

agagtggtct gtgtt                                                     1335
```

```
<210>  122
<211>  554
<212>  DNA
<213>  Homo sapiens


<220>
<221>  misc_feature
<222>  (1)..(554)
<223>  n = a,c,t, or g

<400>  122
aacttgacat ttgctttatc ctatataata caaacataac aaaatacatt taaaatgttg     60

ttgaaatata caaaaattta atgtaatttt tgcgtctgag atgtttaaat aagaaacttc    120

tttaatcagg tatccctttg gactgcaaga gcagtttata tcatagcttt gcagcataat    180

cttttactc tcaggctctt caagcatttt tatcttcttt gaaacttcta tctaaacaaa    240

aatagtatta aaaaagataa cagaaggggt tagattctgc caatgaactg tggacatcag    300

tatctcattc ttctatttgc ctccttattc tagtttgaaa aagctttgga acacattatt    360

acctatcatt attacatatt tcttgtagct ttagtggtta ctcccccgac tggaaataga    420

agttgctctt taataagggc ccaggggtgc ctagggagca atgcgaggat tttttcccta    480

catcncctgg ggccaaccct ataccactaa ttctggggaa ggggatggtt ataatacacc    540

ggccctggaa aggt                                                     554
```

```
<210>  123
<211>  943
<212>  DNA
<213>  Homo sapiens

<400>  123
ggcggcggcg gcggcactct gggcgcggt gcgtggtgac tgagctacga gcctggcggc     60

gggtgtgcgc cgagccccgg cccggcccga ccctcgcgtg cctcccaggc tccgcacccc    120

tgatgctgcg cgggtgctga gccccttcgg ccgggacgat ggtgaagtat ttcctgggcc    180

agagcgtgct ccggagttcc tgggaccaag tgttcgccgc cttctggcag cggtacccga    240

atccctatag caaacatgtc ttgacggaag acatagtaca ccgggaggtg accctgacc    300

agaaactgct gtcccggcga ctcctgacca agaccaacag gatgccacgc tgggccgagc    360
```

2848-65-pct.ST25.txt

```
gactatttcc tgccaatgtt gctcactcgg tgtacgtcct ggaggactct attgtggacc      420

cacagaatca gaccatgact accttcacct ggaacatcaa ccacgcccgg ctgatggtgg      480

tggaggaacg atgtgtttac tgtgtgaact ctgacaacag tggctggact gaaatccgcc      540

gggaagcctg ggtctcctct agcttatttg gtgtctccag agctgtccag gaatttggtc      600

ttgcccggtt caaaagcaac gtgaccaaga ctatgaaggg ttttgaatat atcttggcta      660

agctgcaagg cgaggcccct tccaaaacac ttgttgagac agccaaggaa gccaaggaga      720

aggcaaagga cggcactg gcagctacag agaaggccaa ggacctcgcc agcaaggcgg       780

ccaccaagaa gcagcagcag cagcaacagt ttgtgtagcc agtctaccac caccacagca      840

ccccagacag ctaggcttag cccctctgcc ctcccttcat tgtactttat cattaaaaat      900

caacttccag ccctgaaaaa aaaaaaaaaa aaaaaaaaaa aaa                        943
```

```
<210>   124
<211>   1244
<212>   DNA
<213>   Homo sapiens

<400>   124
cagagggtgt tagggctgtg tcgtgatgat cactatcatg gagtcatttc ttgtagggaa       60

tagttagagg gtaagatcag agataggtac ttagttcaag aagactctct gaagctccca      120

aactgtagat atgtcctgtg tgcgaactgg ctggctttac agaagtcctg atggaagtgg      180

gtttattgtt ttttgactcg ttaccaaccc tctgcttact ccttcccctc aaaaaaggga      240

agctgacttc tcaggttagc cagcagctca ctcatacttt tttctctctc tattccattg      300

gctgatctgc tgacttgggg ctctgaatct ggatactctc catcaccggt tggctgctgt      360

caccatttcc ttcctcgttg atggcactac tagtggtcaa gcagaggatg cagatgtaca      420

actcaccata ccaccgggtg acagactgtg tacgggcagt gtggcaaaat gaaggggccg      480

gggcctttta ccgcagctac accacccagc tgaccatgaa cgttcctttc caagccattc      540

acttcatgac ctatgaattc ctgcaggagc actttaaccc ccagagacgg tacaacccaa      600

gctcccacgt cctctctgga gcttgcgcag gagctgtagc tgccgcagcc acaaccccac      660

tggacgtttg caaaacactg ctcaacaccc aggagtcctt ggctttgaac tcacacatta      720

caggacatat cacaggcatg ctagtgcct tcaggacggt atatcaagta ggtggggtga       780

ccgcctattt ccgaggggtg caggccagag taatttacca gatcccctcc acagccatcg      840

catggtctgt gtatgagttc ttcaaatacc taatcactaa aaggcaagaa gagtggaggg      900

ctggcaagtg aagtagcact gaacgaagcc aggggttcag atgacactgc tgcatcctgg      960

tcacattctc tgtctcctgg aatgctccca cctcaagtgg agttagaagg aaggtagagg     1020

ggctctcccc caggattttg gtgttttgac taacaccagt tcctgccaac ctctgttgcc     1080

accacctttc cttccaggcc ctaagcacgt gcagcaaagc acaccacagc acctttgata     1140

acctctctcc atcctgggcc tgatgacctg ctctagactg ttatagaggg ataagcagct     1200
```

```
                            2848-65-pct.ST25.txt
cattccccctg gttcctaata aaaagccttt aaattaaaaa aaaa                    1244


<210>   125
<211>   5142
<212>   DNA
<213>   Homo sapiens

<400>   125
gaattcggcc gagaggacga ggggagggc cagagctgcg cgtgctgctt tgcccgagcc     60

cgagcccgag cccgagcccg agcccgagcc cgagcccgag cccgaacgca agcctgggag    120

cgcggagccc ggctagggac tcctcctatt tatggagcag gcacccaaca tggctgagcc    180

ccggggcccc gtagaccatg gagtccagat tcgcttcatc acagagccag tgagtggtgc    240

agagatgggc actctacgtc gaggtggacg acgcccagct aaggatgcaa gagccagtac    300

ctacggggtt gctgtgcgtg tgcagggaat cgctgggcag ccctttgtgg tgctcaacag    360

tggggagaaa ggcggtgact cctttggggt ccaaatcaag ggggccaatg accaaggggc    420

ctcaggagct ctgagctcag atttggaact ccctgagaac ccctactctc aggtcaaggg    480

atttcctgcc ccctcgcaga gcagcacatc tgatgaggag cctggggcct actggaatgg    540

aaagctactc cgttcccact cccaggcctc actggcaggc cctggcccag tggatcctag    600

taacagaagc aacagcatgc tggagctagc cccgaaagtg gcttccccag gtagcaccat    660

tgacactgct cccctgtctt cagtggactc actcatcaac aagtttgaca gtcaacttgg    720

aggccaggcc cggggtcgga ctggccgccg aacacggatg ctacccccctg aacagcgcaa    780

acggagcaag agcctggaca gccgcctccc acgggacacc tttgaggaac gggagcgcca    840

gtccaccaac cactggacct ctagcacaaa atatgacaac catgtgggca cttcgaagca    900

gccagcccag agccagaacc tgagtcctct cagtggcttt agccgttctc gtcagactca    960

ggactgggtc cttcagagtt ttgaggagcc gcggaggagt gcacaggacc ccaccatgct   1020

gcagttcaaa tcaactccag acctccttcg agaccagcag gaggcagccc caccaggcag   1080

tgtggaccat atgaaggcca ccatctatgg catcctgagg gagggaagct agaaagtga    1140

aacctctgtg aggaggaagg ttagtttggt gctggagaag atgcagcctc tagtgatggt   1200

ttcttctggt tctactaagg ccgtggcagg gcagggtgag cttacccgaa aagtggagga   1260

gctacagcga aagctggatg aagaggtgaa gaagcggcag aagctagagc catcccaagt   1320

tgggctggag cggcagctgg aggagaaaac agaagagtgc agccgactgc aggagctgct   1380

ggagaggagg aaggggagg cccagcagag caacaaggag ctccagaaca tgaagcgcct   1440

cttggaccag ggtgaagatt tacgacatgg gctggagacc caggtgatgg agctgcagaa   1500

caagctgaaa catgtccagg gtcctgagcc tgctaaggag gtgttactga aggacctgtt   1560

agagacccgg gaacttctgg aagaggtctt ggaggggaaa cagcgagtag aggagcagct   1620

gaggctgcgg gagcgggagt tgacagccct gaagggggcc ctgaaagagg aggtagcctc   1680

ccgtgaccag gaggtggaac atgtccggca gcagtaccag cgagacacag agcagctccg   1740
```

2848-65-pct.ST25.txt

```
caggagcatg caagatgcaa cccaggacca tgcagtgctg gaggccgaga ggcagaagat   1800

gtcagccctt gtgcgagggc tgcagaggga gctggaggag acttcagagg agacagggca   1860

ttggcagagt atgttccaga agaacaagga ggatcttaga gccaccaagc aggaactcct   1920

gcagctgcga atggagaagg aggagatgga agaggagctt ggagagaaga tagaggtctt   1980

gcagagggaa ttagagcagg cccgagctag tgctggagat actcgccagg ttgaggtgct   2040

caagaaggag ctgctccgga cacaggagga gcttaaggaa ctgcaggcag aacggcagag   2100

ccaggaggtg gctgggcgac accgggaccg ggagttggag aagcagctgg cggtcctgag   2160

ggtcgaggct gatcgaggtc gggagctgga agaacagaac ctccagctac aaaagaccct   2220

ccagcaactg cgacaggact gtgaagaggc ttccaaggct aagatggtgg ccgaggcaga   2280

ggcaacagtg ctggggcagc ggcgggccgc agtggagacg acgcttcggg agacccagga   2340

ggaaaatgac gaattccgcc ggcgcatcct gggtttggag cagcagctga aggagactcg   2400

aggtctggtg gatggtgggg aagcggtgga ggcacgacta cgggacaagc tgcagcggct   2460

ggaggcagag aaacagcagc tggaggaggc cctgaatgcg tcccaggaag aggaggggag   2520

tctggcagca gccaagcggg cactggaggc acgcctagag gaggctcagc gggggctggc   2580

ccgcctgggg caggagcagc agacactgaa ccgggccctg gaggaggaag ggaagcagcg   2640

ggaggtgctc cggcgaggca aggctgagct ggaggagcag aagcgtttgc tggacaggac   2700

tgtggaccga ctgaacaagg agttggagaa gatcggggag gactctaagc aagccctgca   2760

gcagctccag gcccagctgg aggattataa ggaaaaggcc cggcgggagg tggcagatgc   2820

ccagcgccag gccaaggatt gggccagtga ggctgagaag acctctggag gactgagccg   2880

acttcaggat gagatccaga ggctgcggca ggccctgcag gcatcccagg ctgagcggga   2940

cacagcccgg ctggacaaag agctactggc ccagcgactg caggggctgg agcaagaggc   3000

agagaacaag aagcgttccc aggacgacag ggcccggcag ctgaagggtc tcgaggaaaa   3060

agtctcacgg ctggaaacag agttagatga ggagaagaac accgtggagc tgctaacaga   3120

tcgggtgaat cgtggccggg accaggtgga tcagctgagg acagagctca tgcaggaaag   3180

gtctgctcgg caggacctgg agtgtgacaa aatctccttg gagagacaga acaaggacct   3240

gaagacccgg ttggccagct cagaaggctt ccagaagcct agtgccagcc tctctcagct   3300

tgagtcccag aatcagttgt tgcaggagcg gctacaggct gaagagaggg agaagacagt   3360

tctgcagtct accatcgaa aactggagcg gaaagttaaa gaactatcca tccagattga   3420

agacgagcgg cagcatgtca atgaccagaa agaccagcta agcctgaggg tgaaggcttt   3480

gaagcgtcag gtggatgaag cagaagagga aattgagcga ctggacggcc tgaggaagaa   3540

ggcccagcgt gaggtggagg agcagcatga ggtcaatgaa cagctccagg cccggatcaa   3600

gtctctggag aaggactcct ggcgcaaagc ttcccgctca gctgctgagt cagctctcaa   3660

aaacgaaggg ctgagctcag atgaggaatt cgacagtgtc tacgatccct cgtccattgc   3720

atcactgctt acggagagca acctacagac cagctcctgt tagctcgtgg tcctcaagga   3780
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2848-65-pct.ST25.txt

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ctcagaaacc aggctcgagg cctatcccag caagtgctgc tctgctctgc ccaccctggg      3840

ttctgcattc ctatgggtga cccaattatt cagacctaag acagggaggg gtcagagtga      3900

tggtgataaa aaaaaaaaaa tcatcagcaa taagctgata gatggacttt ccactgtagg      3960

agtggacgtt tcaagccaac tgagcctttt cctcaagtgc cgacacctcc ctcatctctc      4020

ttatagtgga aggatggtca gcattaggct gatggggact gagaaggata ggaagggata      4080

gaaattgcca tgtgtataaa gctttattct ttagccctta accctaaggc tcagggaaat      4140

accctatgtt attgtgctcc ctggattcct gcaactcatt ttccttccac tctggagcag      4200

ggtgagggga atgttatggg taacagacat gcaggcatgg ctctacccat ttctttgcac      4260

aagtatgggg cccatgtggt agtccccata cccctccagt tcctatattt ttgtcttctt      4320

cctttcccct ctttgccatt cctaccttgc attttttcctg tcagtgcctt agccaaggca     4380

aggagataag gatgctcttc ttgcttttta tatctgcaca ttcatacctc tccaaagacc      4440

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ctgttggggt ttctctgcca atgaccctg ggagagggac tttggtaggg tcatgataaa       4560

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ccaaaagtaa aggtgtcagt ccctgtggcc ttccttgggg cttctctgac cacatgtgcc      4740

caacttcaat aagagaacca agggaccttc attttctgag gtgcttggct ctgattcagg      4800

gctttgcaag gggttagaag ctgactgtaa aaatgggaag aggcaacgga agacatttat      4860

ttctcctttg attttggggg agaaccaagc cctggtaggg aagaggtaag ggggatgatt      4920

cacctccata tttcctaagc aggttgtata gggagccggt ggcaggagga aggctgtttt      4980

cacaaatgac ttgtaatgtc gtgattaaaa aaattcctat attcttctgc aaatcaaacg      5040

ttctttccca atccaatcca gccttggttt tattttaaat taaatattaa aattacacat      5100

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<212>    DNA
<213>    Homo sapiens

<400>    126
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agcaactctg tacacttcta gaaactcaca gctagctcca aaacaataga aattttaaac      120

tacaaaagat gagttgtatt cagcaaatat aaagggtaat tttagactgt gtgaacgttt      180

atcagactat ttacagcacc cgggagacgg gttcagatct cgccggcctc cttctcttct      240

gacctccgtg aagccatctt cccgttggag ctctcaagcc tccagtccgg gggccctcgc      300

tcgctccgcc cgctctccca ggactcctct ctggatgccc gctctctgga gaacctggga      360

aatgggaacc agaggctcag tggaggctgc tgcccccctt ctgctggccg ctcaggcact      420
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2848-65-pct.ST25.txt

gacg   424

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<211>   2286
<212>   DNA
<213>   Homo sapiens

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tgaggggtct gcacctcctg ggagcaggtg ggtctctggg acgagggtcc atggtggatg   120

gctctggaga cgctcccgag gctgtgccgt ccccctgctg cacaggtcgg agggtcaccg   180

cagaggctac tcgggctggg gctggggccg agggagcccg cactggagcc ccatgtggaa   240

cccaaggatg cagctgctct gctaacacgg cagcccatcc ttcgagactg tgacctcgcc   300

acagtggccc tcagccctcc acctccggcg ggggcgaggg ccacccacct ccaagtctcc   360

agccatgacg acctccgcac tccggcgcca ggtgaagaac atcgtgcaca actactccga   420

ggcagaaatc aaggtgcgcg aggccaccag caatgacccc tggggccccc ctagttcgct   480

catgtccgag atcgctgacc tgaccttcaa cacagtggcc ttcaccgaag tcatgggcat   540

gctgtggcgg cggctcaatg acagcggcaa gaactggcgg cacgtgtaca aggctctaac   600

attgctggac tacctgctca agacgggctc cgagcgggtg gcccaccagt gccgcgagaa   660

cctctacacc atccagacac tcaaggactt ccagtacatc gaccgcgacg gcaaggacca   720

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gctgcggcag gagcgaaccc acgccctcaa gaccaaggag cgcatggcac tggagggcat   840

cggcattggc agtgggcagc tgggcttcag ccgccgctac ggcgaggact acagccgctc   900

ccggggctcc ccgtcctcct acaactgccc ggcctcagac gtcaggggaa gaggaactgc   960

agctgcagct ggccctcgcc atgagccgtg aggaggcaga gaaggaggtg aggtcctggc   1020

agggtgatgg ctcccccatg gccaatggtg caggggccgt ggtccaccat cagcgggaca   1080

gagagcctga gagagaagag agaaaggagg aggagaagct aaaaaccagc caggtttttag   1140

gccgaacaca gaggccagtg gatcctcctg ggggccttct gcagacccct ggtctccgat   1200

cccctcagga accgtcctgt cccgaagcca gccctgggat ccgactccca tgctctcctc   1260

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ggccctgaac tctccccacc acaaactccc cagcactggg ctgacccctt ggggagcctc   1380

cctggagacc tccgacacac ctggtggtgc ctcgaccttt gacccatttg ccaaacctcc   1440

agaatccaca gagaccaagg aggggctgga gcaggccctg ccctctggga gcccagcag   1500

ccctgtggag ctggacctgt ttggagaccc cagccccagt tccaagcaaa atggcacgaa   1560

ggagccagat gccctggacc tgggcatact aggggaagca ctaacccagc caagcaaaga   1620

ggcccgagct tgccggactc ccgagtcctt cctgggtccc tcagcttcct ccttggtcaa   1680

ccttgactcg ttggtcaagg caccccaggt tgcaaagacc cggaacccct tcctgacagg   1740

2848-65-pct.ST25.txt

```
tctcagcgct ccgtccccca ccaacccgtt cggcgcgggc gagacgggca ggccgacgct      1800

aaaccagatg cgcaccggct cgccggcgct gggcctggca ggcgggcctg tgggggcgcc      1860

cctgggctcc atgacctaca gcgcctctct gcccctcccg ctcagcagcg tgccagctgg      1920

cttgaccctc cccgcctcgg ttagcgtctt cccgcaggcc ggagccttcg caccgcagcc      1980

gctgctgccc acgccgagct cagccgggcc gcggcccccg cccccgcaga ccggcaccaa      2040

ccccttcctc tgagccccgc cccgtcccat accggcctgc gcctgcgccg gacgctccgc      2100

ggccccgcct ccggacccgg ggctgggcgg ggcgccggtg ctagtggaac gccgagccag      2160

tggcggctgg tatcccgcgg cggctctgga agctggacgc ggaccacggc ccgggagcta      2220

gaaactgaac gcccgcataa taaagactgg aaccctcgtt aaaaaaaaaa aaaaaaaaa      2280

aaaaaa                                                                2286
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<211>   1191
<212>   DNA
<213>   Homo sapiens

<400>   128
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cctggcggcg ggtgtgcgcc gagccccggc ccggcccggc cctcgcgtgc ctcccaggct      120

ccgcacccct gatgctgcgc gggtgctgag cccgcttcgg ccgggacgat ggtgaagtat      180

ttcctgggcc agagcgtgct ccggagttcc tgggaccaag tgttcgccgc cttctggcag      240

cggtacccga atccctatag caaacatgtc ttgacggaag acatagtaca ccgggaggtg      300

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attgtggacc cacagaatca gaccatgact accttcacct ggaacatcaa ccacgcccgg      480

ctgatggtgg tggaggaacg atgtgtttac tgtgtgaact ctgacaacag tggctggact      540

gaaatccgcc gggaagcctg ggtctcctct agcttatttg gtgtctccag aactgtccag      600

gaatttggtc ttgcccggtt caaaagcaac gtgaccaaga ctatgaaggg ttttgaatat      660

atcttggcta agctgcaagc caaggaagcc aaggagaagg caaaggagac ggcactggca      720

gctacagaga aggccaagga cctcgccagc aaggcggcca ccaagaagca gcagcagcag      780

caacagtttg tgtagccagt ctaccaccac cacagcaccc cagacagcta ggcttagccc      840

ctctgccctc ccttcattgt actttatcat taaaaatcaa cttccagccc tgtctgctgt      900

ctacgtggtg ggttgtgggg atgcagtttg gcatctgcag tacaccaagc acatgattca      960

tgtctgagcc aggtctgctt attctcccat tgggcagctg aggaccgagg cacagaggtg      1020

cggtgacttg cccggggctc caggtagcct gcaggttaac tggcggtaag tgctagactg      1080

taagcccgac aagggcaggg cttttggttt tgttctctga tgtgtctcag tatctagcac      1140

ataatagaca ctcaataaat acttgttgaa ttcaaaaaaa aaaaaaaaaa a              1191
```

2848-65-pct.ST25.txt

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<212>    DNA
<213>    Homo sapiens

<400>    129
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caaaaccgag ggagctgcag ccttgccgcc tccgcctccg cctcctgtct ccccgcccgc    120

cctcacccct gcacccgcag cgggtgagga gggaccggcg cctctgtctg agacgggggc    180

tcccggctgc tccggctccc ggcccccctga gctggagccg gagcgcagcc tgggccgctt    240

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agaagaggag gaggaggagg acatgagtca cttctcgttg aggctggagg gaggccggca    360

ggactcggag gacgaggagg agcgcctgat taatctctct gagctgaccc catacatctt    420

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cttttgtaaa agctgcatcg taagacattt ttactacagc aacagatgtc caaaatgcaa    540

tatagtagta catcagacac aacctcttta taacataagg ttggaccgac agttacaaga    600

catagtgtac aaattagtga tcaatctaga ggaaagagaa aaaaagcaaa tgcatgattt    660

ctataaagaa agaggtctag aagtacctaa acctgctgtt ccacagccag tcccttcaag    720

caaaggaaga tctaaaaaag tcctagaatc agtgtttcgt attccacctg aacttgatat    780

gtctttatta ctggagttca ttggtgctaa tgaaggcacg ggacatttta agccattgga    840

aaagaagttt gttcgagttt caggagaagc aactattgga catgtagaaa aattcctcag    900

aagaaaaatg ggtcttgatc cagcttgtca ggtagatata atctgtggtg atcacctgtt    960

ggagcagtat caaactctaa gggaaatccg acgtgcaata ggtgatgcag caatgcagga    1020

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ctaggcacat tatgaggagg gaaacaaagg aggcttctgc aggactgcat ctcaccaaag    1140

atttccatga aatgtaattg ctaccacttt gctgttcaag acataactta cctattttta    1200

gcaccaagaa ttatagcgtt tataagtaca acttggaacg atggaatgca tctgttacta    1260

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gcatcagttg ggcagtcatc tttttggaag agaagtgtgc ttttgagtgg aagattcaaa    1500

gccagtcttt gttaaactgc agggtgtact ctcaaagacc aaaactattg ccacttttg    1560

tatgttgcca gcatattttg aacttgtacc ttttttata ctagcaacac tacaaaggag    1620

aagttactca tttcaaaatg gatgaattgt tattatgtgt gaagagactc tgattttatg    1680

atctgtgcca taaaatttca gtgtaataag acttcttcaa tacatcttcc aataaggggt    1740

gcttctttgt gacagtattt ttatttctga cattcatttt atttgggtac atagtgtggt    1800
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2848-65-pct.ST25.txt

```
tgttgatacc ttgcaacagt attgcttctg aaagtaataa aaaattttag gag        1853
```

```
<210>   130
<211>   805
<212>   DNA
<213>   Homo sapiens
```

```
<220>
<221>   misc_feature
<222>   (1)..(805)
<223>   n = a,c,t, or g
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<400>   130
tggcgtctgg gatgtacttt attggacaag tggtggccca agtcttggtc tggaagcact       60

ggggccctgg accaggcact gagtttgagg aggcccagag ttcagggctg tttggagcga      120

ggccacaagc ggctggtgag ggagccaagg aagaggttct gcttgttgga cttggagagc      180

tcggccaggc gctgctgctc ctcctgctct agccggcttt ggcctgtttg aaagccgcca      240

gcgggtcatc ctccagggca tagtgctcca gcagggttcg cacgtcctcc acaccattca      300

gtgcaatggt cttgaggaag gcagacagat ccaacaagac ccggtcatca gagttgccgt      360

cccagggccg cagggcaacg ccgttatagg ctgcaggcg gaaggcttcc ttcttgcagt       420

ccacaactac tactcgagct gggtcccgat tcagacatga aatatccttt acatggtgtc      480

catccatgta tcttgtggcg tcccggaata ggcggtagga gatgaagcca tggggtcca       540

cactatcaat gagtggaaac gcagtcatgc cagtctctga cgtaaagatg acaatttcat      600

ataaggggc agctgctgga acaggtctcg atgcctggcg cttcttanac ctccagcagt       660

gccagcaacc actcaggatg cagaggacgc ggtgagctca aaacgagcgt gtagggtggc      720

ttgtagtacg gttctgcaga gggtctggga gaaggcaagg gctggtgggc tcgatgatca      780

tctgtctcat atctttgaaa atatt                                          805
```

```
<210>   131
<211>   1070
<212>   DNA
<213>   Homo sapiens
```

```
<400>   131
attaatctat ttaatttttt ttttttcagtt tgtatttttt attttacaat aaaaagtcaa       60

aaaaaataag caaaaagata aactggaaaa taagayttac atctcatata tatggacaaa      120

ggaccaatta cctccaaaca taaacagctc ctagaaatta ctgcaaagat caacaaccca      180

gtagaaaaat gaatgaagtt cccagaacag aaaacacaag tggcccttca aaaaaatgaa      240

gagaggctca gcctcttatg gtaagacaaa gagacaggat tttaaaaacc taggcctctt      300

cctagagttc ccttaaatat ctaggccaga tcattttttac ttcctggctt agaccctgcc      360

aagggctgcc cagctactca ggtgtttgtg tacttgtgga ctcaagtyat attgtcctga      420

tcttctggct gagtacggtt ttctcctcca gcaaagacaa tttggaggat gtactaagca      480
```

2848-65-pct.ST25.txt

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aagcacagct gagtgatcca agaggcagtt ccaattgttg actaacgtgt acctgcctat    600

gtgagtgtgt tctatgggaa ctcaggcctt agaatggttt caaagtagtg ctttcaaaa    660

ttactgtttg cctcttcaaa cttcacacct aaggaaaatg gaaacatgca gagcagggac    720

acagaagggg cattagctgg cgtggggtag gggcaagagc taattgtgaa ggaagaaggc    780

ctgagatcac gtagccatgt cggagaacag ctgtgctcgc tgccctgcct ctttgcgcgc    840

atgttaggca gccccaggct ccagctgctt gagtttctct tggagtgccc ggagctggct    900

tcgaccccag ttaatgcggt tctggaaaaa aaaaawatwt rcggscagct gcaggscatc    960

ccggaagctt gcttgagctt gaggtgactg ttaggactwg ggttccaacc mgttcagggg   1020

gtctgagggg ctaaaagrct csgktctggg gttaatgggc cytkccctcc              1070
```

```
<210>    132
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<213>    Homo sapiens

<400>    132
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tttgctacag ctgaccactc cggtcaggag agagagactg agaaggctat ggatcgacta    180

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tgggactcgg agttgaaagc agatcaaggg aatccatatg atgctgacga catccaggag    420

agcatttctc aagagcttaa accttgggtg tgctgtgccc cacaaggaga catgatctat    480

gaccccagct ggcaccatcc gcctccactg ataccctatt attccaagat ggtctttgaa    540

acaggacagt ttgacgatgc tgaagattga gtgtggagct ttctgccttg taggtgggcg    600

ggcctccacg tcaagatctc ttttcctgtc ttggaggtga aaagtcatat ctgagaaaat    660

gtttgcagtg accctagtc tggggtacac agaccagtgt tccttattga cagtgttcaa    720

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gtgtgtgttt gtgtcaagag gagttgtgtt ctttgtaaat aaaggttaaa aagagaaacc    840
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<210>    133
<211>    1187
<212>    DNA
<213>    Homo sapiens

<400>    133
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gtggcagatg gaaatcatgg caggtccaga aagtgatgcg caataccagt tcacgtggta    120

ttaaaaaata tttcaactct tatactctca caggtagaat gaactgtgta ctggccacat    180
```

2848-65-pct.ST25.txt

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tgtgaaagca acataaatgg attttaaact ggtctacggt tcttaacctc atctgttaag      300

ttcccattgc ctggagaagc taagtgccaa gctcatcatg tgactacttc aattggtaca      360

ataaattatg aacctggaac aacaaaaaaa caacacaaaa accaacaaac accacaccaa      420

cacaaaaaca aagcaaaaaa aaaaaaacac acaacagcgg gcgaacaaaa caagaactac      480

cgcggggcgc cccacacaga aaacgcacac cgaccctctc cccaaaaagc accccccaaa      540

acacaaggac accaccccaa caccacccac cccgaccagc aaccgcacac ccacacacaa      600

acaacgcgaa cacgaaacaa cccacaacac caccacaacc acacgacacc aacacaacca      660

cacaacacca cgagcgccac cacacaaaac gcgccgaaac acacacacca caccccccaca      720

cccccccccc acacgcccca caccacacac acacccacca gcaacaacac gcgcgcaaaa      780

acaaaacgac aaacccacca ccagcgcgac cagacgacca ccgcccaccc ccggcccacc      840

cgacaagcaa acaccacaat caaacccgag gcaggcacca gaaaaacaac acagacaacc      900

ccccacaacc accacaacca ctaccaccac gcgcagcacc caccaacaca acacgcacga      960

gcgcccgcaa gacaaagcgc cacgagcccc cagagcaaca agaggacgga gagcagagaa     1020

gacacgcgaa gacaacaaca aacaaaagcg acaccgcaac acgagacgca accgcagacc     1080

caccgccgcg ccaccgcagc cgaaccagca gcgaacacag cgcagaaacc aacacacaca     1140

agcgaaagcc cgcacacgca ggagaggaga agaggaaagc agaacaa               1187
```

<210>   134
<211>   569
<212>   DNA
<213>   Homo sapiens

<400>   134
```
ttttttgcaa gatttaattc ttcctttaat ataaataagg cagcatgaaa caccaagagc       60

cccactgctt tctgctttag aagcagcttt ggtgcagaaa agattcccgt ttccccaccg      120

agttctgttg tctctgtaca cacaagaagc cagaagatat ttttttttca gtgaactttc      180

tcctggaagc aaaggagaag ctatgggaga tccaggcatg gttttggctt ctggaggctg      240

ttttttggtt actggggtct cttcaaagca aaacgggatc aggatgaaga gggggaaagg      300

catgggccat aaataaataa ggaaatttgc cccgattcta caaatgcatc tgatggaatg      360

aggagggtca ggctgtgagg gattgggggt agctccaggc tgctgttagg gacacacttg      420

agctggttca ttccctggag tgccccgcaa ctgcgtctag ggagaggcag gcccaagcac      480

atgttcagtc taattccagc tcacactgga aggcttccta taggtttggt tgccctgatc      540

acagccgagc tgcccaccacca ggaattaac                                     569
```

<210>   135
<211>   596
<212>   DNA
<213>   Homo sapiens

2848-65-pct.ST25.txt

<400> 135
ttataaagac agctataaag acagcacttt ccgcacacaa agtgtatttt acaaacctttt   60

tttatacaaa ttaatgagct ctactttatt taagtgttca tggaatgatg taaattttag   120

gtccagttga acaaatattg agtgcctatc atatgcaaga ctaactcctt actaggaatg   180

aaatcacaca gtgtcttctg tttgcagtat gtgaacttta tgtttgaaaa gaaattatta   240

tatttaaatt tttttgttgt cagagtttat cattgtatac tgtaacccag taaattttgc   300

attcagtttt aaaaaatgaa gatgtaactt acctgagtct catttttgaa aatgaaattc   360

tgcaaaaatt atttaaaaat tagttcttgg ggaaattgat tttcaagatt caagtgtata   420

aaaacttata ttgaactttt cagcctcgtt tttaattagc tgatgttaat gataagatac   480

ataatacatg tatcttgttg ctgaaaatat ttttttgcatt tcaacacatt gagttaaaat   540

aaagttgtta ctacttattc aagattaaaa aaaagaaaga aaaaataaa aaaaga   596

<210>   136
<211>   583
<212>   DNA
<213>   Homo sapiens

<220>
<221>   misc_feature
<222>   (1)..(583)
<223>   n = a,c,t, or g

<400> 136
cacgaggcgc aaangacttt ttttttttttt ttttttttt cactagacaa aaatctatt   60

ttaattgtat aaaattatac atataaaata catagaatgt actaagaaga tgagtaaaat   120

ctttgacacc agaagtggac agatcaggaa acaattttttc tcaagttatt tgggatctta   180

ctggttggta tttgagaaaa ataataaatc caggaggtac gagggcaatt cttcccacaa   240

ctcacacccc ttaatccaca cgtcccagag aaaggagaaa caggagtgtt gatgagtgcc   300

agcttataaa tgtcaaacag acacacctgg tgtgtctagc tgtttttgcc tttactccaa   360

cccgacgtgt ttcatggaat acaaacatgg ggcttctacc ccagctctct tctgattagt   420

aagaaaaaaa aaatgatagg gcctggagaa ttcaaggaag cccgtttcaa gcactaataa   480

aattgtagct ggattcctta cctcttaccc aacatgattt caaaagcaag aaagttgcct   540

ttcatcttgc ccctatcaaa tccaaaagag ccaattatag cct   583

<210>   137
<211>   672
<212>   DNA
<213>   Homo sapiens

<220>
<221>   misc_feature
<222>   (1)..(672)
<223>   n = a,c,t, or g

2848-65-pct.ST25.txt

```
<400>  137
gctggccggc gtcacgagac cacatccagc attgccagcc tcatctgacg gagccagagc    60

cgtccttctt ctcacagcgg cctcagcgtc cccagagccg agccagggtg tgagtgcatg   120

tgaacgttga gtacacatga gtgcgtgtat gcccccaggc tgggtcagct cttctgtgga   180

ttgcatggcg tgtgattaaa agcccatgtg ttcccacaca tccacatcat gggaaggcta   240

atgtgtgcct ccttggaact gggtgttggt gtccatggaa cttcctctct gtatctcatg   300

tcagtaggcg cagaaacgcc tcatgatgaa gattcttgag ccccatttac aagacccctc   360

acatccaatc ctgtcctgta acatccatca aggatttcca taggggtgac tggtgcccac   420

ccaagactgc accagtgcct gctcattgaa gagagtaact gctggccagg cagaaagaat   480

atgggctctg caatgagaca gacctggagg ggactctacc gttgagcact agcagctgga   540

ggagtgggga gttcatggct atcatggttg tgataatcga ttgtggngat gaaatgtcat   600

tgtgtatgga acgcggngct cattgctgat tggcaataaa atggcggctg ccgttgcatc   660

ggcaaaaggg ga                                                       672


<210>  138
<211>  615
<212>  DNA
<213>  Homo sapiens

<400>  138
tttttttttt tttttttttt tttttttttt tttttttttt ttttttttta ctaacagtgt    60

ttttatttac aaataattgt ttttattagg ccatttggaa aaccactaac atttttatt    120

ttagaaaaca ttaaataata aacaagatgt tatacagtac tttggataac ttcttccatc   180

agtttagtgc aatgtatcat tggcatcgaa aagtaaaatt ttcatttatt ttcccctttc   240

atcttcagct gtgcagttat atgaccataa aggaaatgaa ccattaaaaa tggatctaca   300

gccatatatt ctgccgttac tcaaaggctt aatgatttat tttcccctc cagccctgcc   360

tttaccaggt taaatgacag aagaccttct attgtaccta ttgttcaaaa aatattactg   420

ttctgtggaa cctgggagag tccaattgat aagagaaact gaatcatact gatgaggtga   480

aggaaaggtc tgccggtgtg gggcagggca ctctttctca gcagccaaga taacttgtca   540

cacacgaagc agagagaatg ccccgatgaa aatctctctg aactgtgttc cttgaaggat   600

ctcttaaaaa aaaaa                                                    615


<210>  139
<211>  469
<212>  DNA
<213>  Homo sapiens

<400>  139
gaaaagaaaa tcccaaagca aatttgtgct agggttcttt gaacttggct cttttacctc    60

atggttgaag atcttgaaag aagtatgtag dataccactg ggtgatgtac ttgtcaaggc   120

cctgaaaagt agcctaccat gccattctcc cccactctca agtagcactt ttatgttatg   180
```

2848-65-pct.ST25.txt

```
ggaatcaagg ggtgggaggt atcattattc ctggtagtta tgggttttta ataaatatca    240

ttactgcaat atcagacttc aatcttgcca gaacttcaaa aaacattatt caattttgt     300

cttacgaaac acttaaaaaa aaagactatc acttgagaat tttctttgca atttcctgta    360

aatgaaaaca tttgttaaaa agttcatcta tgaaaagttc tcacatatct taaaaaaaaa    420

attcttctgt acacttgttc ccataattat gttgaaatta atggaaaat               469
```


```
<210>   140
<211>   490
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(490)
<223>   n = a,c,t, or g

<400>   140
ttttgctgat ttaaacaaaa atatttactc ttttcattag caaaacatta tttaaaatat     60

atctatttct cccctctgaa catttaacta ggaacactgg gcaattttttg aaggtttagt   120

gctgattgtt taatacaata aatatggctg tggagagcac acagcagcag tagcttacat    180

acgtccacgg ataagaaatt tactctcatc tggttagtgt ccagtccacc aaaggaaagg    240

tttggcattc gtgtgctttt ttttcgtgta ggaatcaatt ctgcttgatt ttcattcttg    300

gaagaaaaaa taatcagctg atatcctcaa attttatgac atgatgcaaa ggagcaaggg    360

gacaaagatg acctatggtc aaaaagctgg actgggatca ggtctccagg cagatcttcc    420

ttcttgcgag gtgagtctac aaagggctgc actagaagcc aggagtgagg cattggggac    480

acnggggtgg                                                           490
```


```
<210>   141
<211>   730
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(730)
<223>   n = a,c,t, or g

<400>   141
agccttaaag agatgaaata aattaagcag tagatccagg atgcaaaatc ctcccaattc     60

ctgtgcatgt gctcttattg taaggtgcca agaaaaactg atttaagtta cagcccttgt    120

ttaaggggca ctgtttcttg tttttgcact gaatcaagtc taaccccaac agccacatcc    180

tcctatacct agacatctca tctcaggaag tggtggtggg ggtagtcaga aggaaaaata    240

actggacatc tttgtgtaaa ccataatcca catgtgccgt aaatgatctt cactccttat    300

ccgagggcaa attcacaagg atccccaaga tccactttta gaagccattc tcatccagca    360

gtgagaagct tccaggtagg acagaaaaaa gatccagctt cagctgcaca cctctgtccc    420
```

2848-65-pct.ST25.txt

```
cttggatggg gaactaaggg aaaacgtctg ttgtatcact gaagtttttt gttttgtttt      480

tatacgtgtc tgaataaaaa tgccaaagtt ttaaaaaaaa aaaaaaaaaa aaaaaaaaaa      540

acatgttcgc cgcctcggcc cagtcgactc tagacttcga gcaagcttat gcatgcggcc      600

gcaattcgag ctcacttggc caanttggcc ctatagtgag tcgtaataca attcaattgc      660

ccgtcgtttt tacaacgtcn tggcttggga aaacccttgg cgtaacccaa atttaatcgc      720

ctttgcagaa                                                            730
```

```
<210>   142
<211>   568
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(568)
<223>   n = a,c,t, or g

<400>   142
agcttgtgaa ttattttact ttcaaaaaat atgtaagtta gaattgtaat tctaaaggca       60

ctgtcgtttg cttacacatt ctaacatatt tctaataaga aagtacctgc tttcttaaga      120

gaaaaaggga taagttacca aaagcagcac gttctcctgg gctcataccc cggattcatc      180

catgaggcca cttccattgt aaagctttta gcatctcttg atttctcttc acactgaggc      240

acaaaggcct gctacttata ggcattactt cattttttcct tatgaagggt actataccaa     300

cacagacttt atagtatgtt taaaaatccc aactgcaaga tacacaggat gctgtaggcc      360

tgatttcctg ttgtagaacc tncagccctg tgttgaatga agaggtgcan atatatagac      420

ccttaagatc agaccacagc aggcattcan gtggagggga tgaactccat tcattccagc      480

tgtgcagtgg gacatctgcg ccctccgcat ctncgctcat tnctcatctg agccactcaa      540

gagggcngnn ctgtagtgtc atctgaat                                        568
```

```
<210>   143
<211>   445
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(445)
<223>   n = a,c,t, or g

<400>   143
tttgttgttt aaaagcaagg catgcttgtc ggatgactct gtaacagact aattggaatt       60

gttgaagctg ctccctggtt ccactctgga gagtaatctg gacatctta gtgttttgtt       120

ttgttttttt ccctcctctt tttttggggg gggagtgtgt gtggggtttg ttttttagtc      180

ttgttttttt aattcattaa ccagtgncaa nggttagccc ttaaggggaa ggaggacgga      240
```

2848-65-pct.ST25.txt

```
ttgattccac attccacttc ctagatctag tttagaaaac atgttcccca tctggtgctc        300

ttaggaagga gtatagtaaa tgcctcattt aataacatac tccnttttg aaaagttgcc         360

nttttctctc caccctgag taagatccag taatttgatg gaacnccaga aagtggggtg         420

gaagccaatc ntggccccgc ccctt                                              445
```

```
<210>  144
<211>  701
<212>  DNA
<213>  Homo sapiens


<220>
<221>  misc_feature
<222>  (1)..(701)
<223>  n = a,c,t, or g

<400>  144
tttcagcaac ctcggctgta tttattgata caaggaagat cacccgagag tcagggacgt        60

ggcggcgagg ggccctggaa atctccagat accaaagctg gaagggcgtg gagtcttctc       120

cagttctcct agtttacaga tgttgtgacc taggcttaca atgggcctgg ggtctgaaag       180

cgggacgtgg gctgcggggg ttaaagagcc ggtttggtgg aggtcagcgc cacagcgcgc       240

cgngccagga agactttatt ctgcgcctcc gtctgtctct gacgtttgag ctcagagatg       300

aggcgtccgt aggagttagc cagagccaca gtgtacgcca tcaggatgct ggagatcagc       360

agaaggggca cagcaaaagc ctgggtcccc aggaagaaga ggaaattctg ggtggtctca       420

gggaggctgg aaatagactc agggatctgg gcccanatgg acgactgccc ccggaatgga       480

ccacacagct tagaaggcgg gatcaggaag atgctgtaaa gcaggggaac gctggagatg       540

gccagaccca ggagaaggac caaggggaaa aagaaattcg ccgcggaagc ccggaaggtg       600

cgggcagccg ggggacaggt ggagaaaaag gtaagctttc tcaggtaaaa agcagcaggg       660

acttgaccgt gttaagccag ggcagtaagg ggccgaaaaa a                          701
```

```
<210>  145
<211>  2098
<212>  DNA
<213>  Homo sapiens

<400>  145
acagattgct agaactactt tatgcatgaa aaaagtctgt ttcactgata tgaaatgtta        60

atgcactatt taatttttt ctctttgttg cttcaaaatg aggttggttt aagataataa        120

taggacatct gcagataagt catcctctac atgaaggtga cagactgttg gcagtttcaa       180

aataatcaag aagagaaata tccttagcaa agagatgact ttggggatca tttgaggaat       240

actaactctg ttgcattaat gcttcaaaaa atcatcaaat gattcatggg ggcctgattc       300

gcatttgaaa aatgtctgaa attagagtct catttgtttc aggaatgcag ctacctgagt       360

tttttgtctc ggcaaagtca caaagcccat atactcacat tgtgtgtcta tacttgccaa       420

ttaattctaa acttgtagga aatatgccct ctcttaaagg agaatttttt ttaaatctct       480
```

2848-65-pct.ST25.txt

```
gagaaatgag attctgagtt tatttcagct aaaaggttgc aattcttctg aagatatctc     540

aaatataagg ttgaaagtta agtgttaata attttgtga atttatacac acctaaacgt      600

taagtacaca aatattttat ttgttttaca aataaggaat aagtaattta taaattaaga     660

agttacctat aaaaataaaa agataacaac cctatcatat agcttatttt taaattacct     720

gaaaaacgat attctacact gtttcctttt tgactctgag ttttcaaact gttacttctc     780

ccatatttct caatccattt cactcagttg cacagtcttt taaaccctgt aattgtcata     840

ccaaagtttc ttttaaaaa aaaattactt taaatgctta gtttattcaa agagcgatcc      900

aataatataa aaggaacatg tgttcaacac aataaaattt taaatggctc taaatcaagc     960

acatcaagag tatacaagtc ttaaaggctt tttaatacat actctttcc catctatgta     1020

acccaacttg cacatttcag ctgcatgtgg tgaatatgca tcatatattt actttaagag     1080

gtaagatttt acttgcaaaa tacatgtgca aattaggatc catcagttga tggaagagat     1140

ggactctaga atattatttc ttgtggttat tactccttta caaagcactt tcgtctcact     1200

tgatcctcat aaggaaacta aggctcagaa tgagtagagc tgggttcaga atctagctct     1260

tctaactcca agccatctcc tctttccact gcaggaaact gcctcttttg tcagtgaaat     1320

aatagaaaga ttgtgttagt taagtgataa ctgtcatttg tttgaaaatg ttcgagactg     1380

aacaaatagc atttaaactg ctggcatata gatgagatat tgtacttttg tgcaatgttt     1440

attacctttg attaaattgt aatgtgaagc ttttactagg tgaatagttc attatgtagt     1500

ggaggcttcg tggttgtcca ttgaattgtc acagcaaaat ctataagttt cttcaattct     1560

acaagataga tccatatacc tttgatcact tggagactct tttttgctg gtttctagat      1620

aactcaggta aatcagacct ttacagagta cagggctagg tgaaagaatt actgaaaaat     1680

caccttgaaa atccgaaggg ctgatatacc ctttatgttc ctgactgatg cgcagaacct     1740

gggggaaatc tacagcaata tacaggttgc aatgctgata acacaacagc aatcctctcc     1800

tctacgtgga cttactgttg ttttttttaat tattattgga atgggatttt agaaaataga     1860

agttaccttt gtgtgtgttt tagggaaggt agagaagaat ctgctctttc tctgaatact     1920

gttttgaccc caggcaggac cttggaaagg ccaaaacatt aacagtagta cttctgttca     1980

ctgaagagtt atgttacatg aagataaaat ggttttgtcg tgtttattaa tgtattttgt     2040

gttgatataa ataaacatgg taatgaaacc aatgaaaaaa aaaaaaaaa aaaaaaaa       2098
```

```
<210>   146
<211>   126259
<212>   DNA
<213>   Homo sapiens

<400>   146
gaaaggagaa aggagccaag gagggaggga ggttccctta aagactcttt cggaagtcac     60

atacaatctt cttgttgatg ttccattggc taaacttgat cacatcacta cactaagcta    120

caaaggaggc tgagaaatat gatctgtgtt ctaggcacca tgtgtccaga tgaaaattga    180
```

2848-65-pct.ST25.txt

```
ggctcttatt tcaaagaaaa agttcagtcc atggccaggc gtggtggctc atacctgtaa     240

tcccagcact ttgggaggcc gaggctagtg gatcacctga ggtcaggagt tcgagaccag     300

cctgggtaac atggaaaaac cccgtctcta ctaaaaatac aaaaattagc cgggtgtggt     360

ggcatgtgcc tgtagtccca gctgctcagg aggctgaggc aggaaaattg cttgaatttg     420

ggaggcacag gttgcagtga gctgagatca cgccactgca ctccagcctg ggtgacagag     480

cagaactctg tctcaaaaaa aaagtatca gaaaagcgc agtctggata ttgggaaatg     540

accatcagtc tatgcatgct caggagttcc atgtctagca gtgtgtccta taggtttgct     600

taacccatgt gacatttgac acgtttacaa ggttattcac tgcagcattg tgacagcaaa     660

agactggaaa caacctaagt gtcctgtaat aggggactgg ttaaacaaat tatgggacat     720

ttatacaatg gagaatgatg gccacaaaca cacatgagga aactctcaat gcagtgatat     780

gaaatggtat ttaagatgtt tcactttgga aaacagtttg gcagtttctt atagagttaa     840

acatacatct ctcctatgac ccagcaagtt cacctctagg tttttgctca aaataaaaat     900

atatatgtat atatagctcc acaaggactt ctatgcaaat gttcaacaga gtttaacatg     960

tgatagacaa caattggaag tgacccaaga tcgaacagcc aatgaatgga taaactggtg    1020

agtcaaatat tacactggag tttaaatgag tgatccaatg tctgcaacca catggatgaa    1080

tctcaaaaca tgctgaatga aaacaagctg gatacaaaaa atagcatgtt gtaatgatgc    1140

cgtttatatg aaattctaga agaggcaaaa cagaccaatc tatgatgaca gaaagcagag    1200

cagtggctgc ctctggggtg gagggatgga ctgggaagga gcataaaaga atttcttggg    1260

atgctggaaa tgttctgtat catgattggg gtgttgatta cacaggtgca tttcactgca    1320

tgtaaattat accttgatat tttttaaaaag cagggtgcag aacaatgttt aaattatgga    1380

atccggtatg tttaaaaagc aaggaaattt gcttgtatct gcattgactg tctagaagag    1440

acttgtaata gtgattgtcg gtgggagagg aactgggtag ctggggggctg gggaaaaggg    1500

acactttggg ccatacccctg ttatacctgt tgaatcttaa accagttgaa tgtactacct    1560

aattaaaaac taaaactgaa aagatcagtt agatgcacac gtgacatcac cacattcatg    1620

ttttaaatct cctaatggct cttcccggca atctggacga agttcagact ctgagctgtc    1680

ctggccttat gtggccccac tcaggcagca tcctctccaa ccacttttct gttccctgca    1740

gagacagctc agtgcctggc tccctctggt tggcctaagt gcatatgtgc cattccctga    1800

gtgctcagct cctcggtgaa ttctccccag ccccctgcct gagttggtcc ctcgggtctc    1860

actggacctg ctgcactttg ccttccccct tcctcatcta tcagatcaac acgtgtttcc    1920

cagagctctc tgtgagctgg accccagagt cctggagatg tgtgggagcc acttttatgg    1980

gggaacctgc ttccttgttt ctgcttcaga cagcaggctt ctcctgccct gagactccca    2040

gcagcgtctc ctcttcccag gcccagatct ggcctggggt agaaactttg ataaaatgtg    2100

ctgtctttaa gttaaatatg gctccataaa gaatgcattc catgacaaga accaacagag    2160
```

2848-65-pct.ST25.txt

```
ccctggtttc ttagaagata cagagaaaac acactgttgt gggagaattg tgtctgccaa    2220

aaagatacat cccagctcta accctgggac ctgtgattgt gaccttattt ggaaacaggg    2280

tttaggcaga tgtagtcagg tcagggtgag gtaatactgg attagagtgg gctactccaa    2340

tgactggtgc ccttaaagag ggaaacagac agaggagaac accacgtgac cacagaggcg    2400

aagatgggag tgatgcatcc acaagccaaa gaaggccaag gaggcttgca gtcataaaag    2460

ctggggagaa gcgaggaagt gtcctccctt agggctttca gagagagcat ggccttgcca    2520

gcaccttgat ttcagacttt tagcctccag cactgtgaga atacatttca gttgtcttaa    2580

cctacctggt ttgtggttat ttgttctttt tttaaatttt ttatttattt atttattttt    2640

gagacagagt ctcactctgt cacccaggct ggagtgcaat ggtgtgatct tggctcagtg    2700

tgacttccac cttctgagtt caagtgattc tcctgcctca ggctctggag tagctgggat    2760

tacaggcacc tgccaccaca cctggctaat ttttgtattt tcaatagaga cgtggttcca    2820

ctgggttggc caggctggtt ttgaactcct ggtctcaact gatccgcctg tcttggcctc    2880

ccaaagtgct gagatcacag gcatgagcta ccgcacctgg cctgtggttg ttaactgtag    2940

tcccaggaaa tgaatacaca cacaaaacca gttaatacct aagacaattc cagctagtgg    3000

caagtgcttt ggaaaaacaa aacaaaacaa aacaaaacaa aacaggtgag aagggcgtgg    3060

gatagagagg gactgggaac ggtgccacat tagccagggt ggtcagggaa gccctcttgg    3120

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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2848-65-pct.ST25.txt

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<213> Homo sapiens

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accccagtgg ctggaacagg aaggccagga ggcagatggg ccagggccag gagacagatg     420

gcccaatccc ctgcccacca cagcagcttt tctgagaggc gggcaggggc agggtttgct     480

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taagttatct tgcccaaagt cacacagcca gtgagtgttg gaagctggat tcaaacccag     180

acgtcagatt ccagagtcca ttcttttcaa ggctggactt gaccccaccc tgacccaggg     240

cccagatttg agggctctct ctgagcccac ctgactttcc tccagggtca aggctggctg     300

ggtcccctgg agccctctcc tccacccca cacccagagg acaggctgca tcagggtct     360

tcccacccc accccatacc aaggctgctg gagaggagcc tggcccaagg tggcgctgcc     420

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gtgtcactgt ttactgaatt agcaccactt ttgtgcagtg aagacacccg tggctgagat     180

ttcttaaatc tcacttttc catgctttc ttctgacaaa ctgaccacgg agggagagct     240

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gttgcctcat ctgattgaga ctntgggga acaacacagc agcaaaccag gacatatatt     360

ccctctaaaa acagcttgaa aattacaata canagatctc ataattatg agatgcagng     420

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gggagccagt cgtagttctt tgtaatcctc tttcttccaa acctgctttg ctgaaagttg   360

cagaaaagga agtgtgtgga gagaaacaga acccttcagg gtgggtcaga ggacgccatc   420

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tcctttcaaa ttacagacct tttaaaaaaa cttaatttga gcgagtacct tttcattgac   660

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<210>   151
<211>   514
<212>   DNA
<213>   Homo sapiens

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2848-65-pct.ST25.txt

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<212>  DNA
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ggttttttgat cctgagtcag agacggacat gtgcttatga aagaaggtag agtttcaacc      240

cttaggtaac cttaaaagag caggaactat gttgtgtgta agtcatgtgc agtatacaaa       300

cttgatatta aatgacaaat tggaacaatc tttctctagg aatgcctctc tttcatagag       360

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atgaatgcac gataagaagg aaattggata gggagtgagg atatgaaatt taaaagaagg       480

aagaactgga acaaggcata ggcctctttc aattttttcgt ggtgtgcagc tgccaattct      540

tggacattca agaaacgctg gttgacatta tcttttttct tcacaatctg atcaacgttg       600

aaagtcccgc tggagagcaa atcttcagcc aatgtattca ggtccttgag tgcatnctct       660

cgagccaaca tctctctctt ncatagctga tgcttcttga gtaggtttct gctgaagcca       720

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gaactatata gaaaaaaagt atattcatgg tgtcttcatt attatgaaaa tcacagtaat       180

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tggagataga tttctacgtt cattattcgg gattattaga aatttccttc agtttgaaca       480

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<210>  154
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<212>  DNA
<213>  Homo sapiens
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aattctacca atacaaatac aaaggaatca acaaatggac aactctttag attacagtta     240

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<220>
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<213>   Homo sapiens

<400>   158
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tgaccactcc aaaataggaa aagacaatct tgtgcaaata gacatacaca gtctaggcat       180

tgtggaaact ggctgtgttc ccagcaagag atactgcacc ctcctgaccg agcagtcagg       240
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2848-65-pct.ST25.txt

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cttccctttc ctagccatcc taagttgcgt tctaggaaac tctggatctc agcctcatct      300

ccagctttgc ctggaccttg ctaggggggag ggagggacag gagcacagag gaggagagga     360

gagggatgtg atgtctttct taggaaagaa aaaaaggcac agtgatgagc tataaaggta      420

gtgatgagag ctataaaggt agtgatgaaa gcaaggaata attttcattc accccaaatc      480

ctacggcaag ctttgacaat gtaacatctt tatcttgtgg ttaggaaaat ggacctagag      540

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<213>    Homo sapiens
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aatgccactg gagcataaat gttcacaaaa ttgtagagaa ggggtgacaa gaagcaagca      180

gtggggcagg gagtgtcact gatgtccgaa accccgggtc agaccaacac gcagcacagc      240

cactcggcca gagagagctg aaccatgcca tccttgtctt cgtccagaag gctgaatagt      300

ttgaagaggg tctccaggcg gatcatacaa gccacgaagc tgtcaaagtt gatgccaagc      360

ttgctgcacg cattcccgaa gggcaatggt ctgctgcacc tggctgttga gggtgaaacc      420

tgccttcctg agggctgtcc tcatctcgtg ggcatcgatg gtgcccgagt ggttataatc      480

agtttcccaa tagatctcct aaagcaggaa agaaatccca agtagaaaac aaccattcac      540

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<212>    DNA
<213>    Homo sapiens
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acataccttt agagtgaggg taagcccccct tcccaaccca aaatgaactg aatgagagag      180

aaaaagaggt ccagagtagt ttgtggagcg atgtttccat ctctaatgcc actcagctca      240

ggagcaggct tcagacactg cctttatctt tacagaaagc catgggaagg aaatgtctg       300

aggtagagct cagcgttggg catcatatgg ctaatcactc agaggtcact aatcactctc      360

ccttttcttg tttttcagtg aacgagataa ttgggagaga catgtcccag atttctgttt      420

cccaaggagc aggggtgagc aggcaggctc ccctcccgag tcctgagtcc ctggatttag      480

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2848-65-pct.ST25.txt

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acaaagggca catgaataca ataggggaaa cagcttaatg ggtttctgtt ctctgaaaac   120

tcaaggccca tctctgagtg ataagagtac cctaacaggc aaagcactct gaggtccggg   180

accaggaaga cagtgctact ccacctactg gcggtctggc actatctgta ggctggagtt   240

gggctgggga tggtacattc aaaatggact ttggtaaact aggggacaac ccagacaaac   300

actgcagaaa ggaggaagga ctccctttcc agcatctcaa attcaaggct ccaagttact   360

gggcttgggc aaagtcacac attttctcaa caaaggccaa ctgctgacaa tccaaatttt   420

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aatgaaaaga atttgacatt                                              500


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<213>   Homo sapiens

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ccaagctgac gccctcaacc actctgctgg ggtgagcaaa cccaggcccc acagctggct   180

agcgggacat ccgtgtccac gattggcgcc atgtgtttta agttgcagcg tcaaaaacat   240

gaagagattg ctttagcaaa tatttaccca gtcctgactc tgcacatggc atcgttctag   300

gagcccaaag atgttaactt gtttaataat caagccctgt gaaggagttt atagcatctg   360

tggattttgg tacccacgga ggtgctggaa ccaatcgttg aggattccaa ggacaactct   420

atgatgcagg cacacctgtc ctagctgctc aagggtcgtg ggatgcaggt ggcacggtgc   480

acgccaagat ggctgtgtcc acagaggagc tggaggccac ggttcaggaa gtcctgggga   540

gactgaagag ccaccagttt ttccagtcca catgggacac tgttgccttc attgttttcc   600

tcaccttcat gggcaccgtg ctgctcctgc tgctgctggt cgtcgcccac tgctgctgct   660

gcagctcccc cgggccccgc agggaaagcc ccaggaagga aagacccaag ggagtggata   720

acttggccct ggaaccctga ccctgtgtct cctgcccggt ggcagtaaca aagccttctg   780

tctgccc                                                           787


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<211>   514
<212>   DNA
<213>   Homo sapiens

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2848-65-pct.ST25.txt

caaaatcaag acccagttgt tgaaatcttt taactccata atgctgtttt tgtcttgtta	120
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tataataaac ctttttcacc acagaaccat ctgtcacaga taatactgaa agttacacac	240
ttaggaacag tcagaccaca gacaaggtca gactggctgc caccaccaag taaacaacta	300
gaaaaggaca gcggggtcca agggtggggg tccctgtgca cgagtcgccc tcctctggcc	360
tgcccccct cgggtcacct gcttctcctt tgccccaaag agggtggagt caaatgcaga	420
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<212>  DNA
<213>  Homo sapiens

<400>  164
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tctgtaaggg attgctggaa ggaaagtagg aatatggaaa gtcatgagac atatactgtc	240
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caatggaaat ttgggctcta acatatgcaa tctgattctt catggacttc atttggccat	360
atcagttcca acaatttcag ccaatgttta aaaatcttat aagcagataa aattttagtg	420
tttcaacaag ccatttccta tctttcattc tgaaaatcca ttttaagtca ttttttttaac	480
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<213>  Homo sapiens

<400>  165
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tgtcagatct tcttttaggg tgactttgaa gaatcagaac atcagggctc caactctcag	180
tagagccagt aaccagcttc ctgatttaaa aaaaatcacc tttggcctaa ttttgtcact	240
tataaacagt ggtattgcag taccctggta tgattagtta tgatatgttt aacaataatt	300
ttaaaatacc aaagcttgtg aattatttta ctttcaaaaa attatgtagg taggaatggt	360
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tgctttctta agagaaaaag ggataagtta ccaaaagcag cacgttctcc tgggctcata	480
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2848-65-pct.ST25.txt

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ccagtggtac aggaatttga aagtgtggaa ctgtcttgca tcattacgga ttcgcagaca   180

agtgacccca ggatcgagtg gaagaaaatt caagatgaac aaaccacata tgtgtttttt   240

gacaacaaaa ttcagggaga cttggcgggt cgtgcagaaa tactggggaa gacatccctg   300

aagatctgga atgtgacacg gagagactca gccctttatc gctgtgaggt cgttgctcga   360

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accccctgtct gtagagtgcc gaaggctgta ccagtaggca agatggcaac actgcactgc   480

caggagagtg agggccaccc ccggcctcac tacagctggt atcgcaatga tgtaccactg   540

cccacggatt ccagagccaa tcccagattt cgcaattctt ctttccactt aaactctgaa   600

acaggcactt tggtgttcac tgctgttcac aaggacgact ctgggcagta ctactgcatt   660

gcttccaatg acgcaggctc agccaggtgt gaggagcagg agatggaagt ctatgacctg   720

aacattggcg gaattattgg ggggggttctg gttgtccttg ctgtactggc cctgatcacg   780

ttgggcatct gctgtgcata cagacgtggc tacttcatca acaataaaca ggatggagaa   840

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gacttcagac acaagtcatc gtttgtgatc tga   933

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cttggacaaa ttatatgctt gttcctgaga ttccctaaat ttattccagt agctgggcac   180

tcagacagta caaacctttta taatataatc cttttcacaa agtattacaa agtttctgca   240

gcttctttag ttgtacacac atacagacac acactcacac atgcatatac aacactcata   300

cacatataca cagtaaccac atacatgcac agaacatgta tgtgtgtgca ttaaaaacaa   360

agaagataca agtcccacat tttagtctgc agtgataaaa ctatttagcg gaggtctcca   420

aatcagtatg tagtagagtg acttgtcaca cagctgcaaa gactgtttca gtatttccat   480

agtaaacctc attttctgag gtatggtatt tgagccttaa aaaaactaca ttacacttag   540

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2848-65-pct.ST25.txt
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<213> Homo sapiens

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atactgctat gtaatatgag tatatataac atactaaaga acatatcttt ttagtccata   180

accattactt ctaatggatt ataagtatac ccagattttg aaatgtatac aaagaaaatt   240

taacaaataa taacatgtaa gctatacatg tcatatttta cctgttaccc atcaatctgt   300

ttctgttttt aaaacacagt tttcaaacac taagtctgtg attaaacaat gacactaaaa   360

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tt   422

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<213> Homo sapiens

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ataaatctaa atcctgagta acctacgaga tgcagatcac ctggccaatc aagaggctcc   180

agggacatgt ttacgacatg gaaaaaccat gggtgttttt tgcccaaaaa gagtatgttc   240

cctgatggaa aaggcaggct tgagttcatt atcttgagaa caaagatcaa ggcaactgca   300

gtagctgctt acctgtgtgg ccctgtattc tctcactgat ttttgctcca aggaggtccc   360

aaacgagcag ttcaccagac tgactgccag ataaaacgga atttccatcc cagacaaagc   420

acctgcaaga atgatttaga aatagtcctt tcttcatcat gaaggaagga tatgttgaac   480

tggccaatgt aagcccaaat gaagtgatca tgaacatgtc tgtaaatgtc ttcgcccccca   540

gtaactcaca aactatacct ctggggctca tctgatgtca tggaagagat gagcattcct   600

gtctgcacat caatgacatt aagacagcca tcttgtcctg tgctgaggac atggccacta   660

tctgc   665

<210> 170
<211> 1933
<212> DNA
<213> Homo sapiens

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agagtgctgg gattacaggc atgagccact gctcccagcc ttccagagga attttaagcc   120

2848-65-pct.ST25.txt

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catgtccaaa cattctgttt gtataaatat attctaattt ttaaataaat agtttctact        180

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tagtaatcat gaattgcctt taatatttgg cagtaagtca atgaaataat aaggcactta        300

tataccatct ttgacatcat taaaagtatc aaatcccatt aatctaaaac ttctttaagc        360

attttgaaag cagaaaatgt ttacatggtt ctttcagttc ctcaggcttt ttgtctaatg        420

atgcgtgact taggataaga tttgaattaa gtgcccagct tgaaacataa taatttttct        480

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agaagcattc aatagtgtgt cattaactgt tcatactaat aaatggatac agcacatttt        600

catggcctgt aatgtagaac atactatata aagttctcag tttggggatg actaggtttc        660

tggaaggaat agaatgctaa atcaatggat ggcattgggc tgagaaacac tgctgctact        720

aatcagcctt gaatgtgtaa tgtgaacatg caaaagagaa catgcataca ctcaaatttg        780

tacaatgcta taactggaag ttgaaggact tgaattttta tattgtgcta ttgttatgtt        840

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aataataatc ttaatcttta agaattaatt ataatttaat attataattc ataatcttta       1020

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atattttaca ttgattttct atttatgtac atctagaaag ttttaaccct aataaatagt       1560

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cactggataa taattagtaa ggccaaagga gaaaatttca tagaaaatat tgttgttgtc       1680

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ggcctctctg gtcttcagtt ttctcaccag taaaacaagg aacttgaacc aaatgacctc       1860

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aaaaaaaaaa aaa                                                          1933
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<212>   DNA
<213>   Homo sapiens
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2848-65-pct.ST25.txt

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aaaaaaaaaa aaaaaa                                                   1816
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2848-65-pct.ST25.txt

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tttacagaat gtcactcttt agactctcag tccatcatgc catcgggtac tcttgttgca    1500

gtgtaatttt tattacatgc ggttatttcc ctaacgatgt gctattcacg ttcatcttca    1560

aactcatttt ccatcagcca gtgtctacta tttagtgccc tggctctatt tcggtcctcc    1620

tccccgggct ttccctggct gctgtgctgg ccaaaagcat gggctttatt ctctccattg    1680

gctgctgctc caccttagag gtgtgacctc actagcgttg actgagcgag tctgttgtgg    1740

agaagaactt tttgtagtaa tttactagga aaaattctga acaagtaaaa tatgaaggaa    1800

aaaaaaaaaa aaaaaa                                                    1816
```

2848-65-pct.ST25.txt

```
<210>    173
<211>    471
<212>    DNA
<213>    Homo sapiens

<400>    173
cttttttttt  cttttttgaga  cagtctcgct  ctgttgccca  ggctctgtct  tccaaaaaaa    60

aaaaaaaaac  cacacacaca  cacaaataac  tgatcattga  ttctctttcc  cttcctgcag   120

tctcccaagg  tgtcaattag  gaagtgccaa  aatactaaag  tctcatttaa  ttttcctgat   180

caacttatgt  tctaataatt  aatgtggaag  gagaggaaag  aaagagaaaa  caaatgagaa   240

tctaaggtag  taaacagcag  caacttagcg  ggaataaggg  gaacatggtt  ctcactaacc   300

aaataggact  gataacgctt  ccaaaaaata  aaatgttagg  tgaagggaaa  tatggaaata   360

tgttttactt  tctactaata  gctgcaggca  ggaaggtcca  aacgcagggt  ttaactaagc   420

tgggggagta  ggggagatgt  ttagagggaa  tactgaaaga  gaatcagttt  c             471


<210>    174
<211>    720
<212>    DNA
<213>    Homo sapiens

<400>    174
aagataacat  gcctgaggga  gagcctggtg  cctttgctat  gaattaatat  gcactttctg    60

aaaactctaa  agcctgggaa  acattttagt  ttttgttaag  gttctaaact  gtgctacaga   120

tacttgtaag  acttttaaaa  tcgagagtaa  gtatgttctt  acataaggcc  tttcttagga   180

attatgtgta  tataaatctt  tgaaatatct  ttatatacct  gagttttagg  ttccaactgt   240

gttagacatg  agttagctag  atccatggtc  tctagatggt  ttacttaaat  aggccaggcg   300

cagtggctca  cacctgtaat  cctagcactt  tgggaggccg  aggtgggcag  atcacgaagt   360

caggagatca  agaccatctg  gctaacaggg  tgaaaccctg  tctctactaa  aaaatacaaa   420

aaattagcca  ggcgtggtgg  tgggtgcctg  tagtcccagc  tactcaggag  gctgaggcag   480

gagaatggtg  tgaacccggg  aggcagagct  tgcagtgagc  cgagatcgcg  ccactgcact   540

ccagcctgag  tggcaaagtg  agactctgtc  tcaataaata  aataaataaa  taaaaataag   600

cctgtggctg  tttgagggaa  aagtaacata  gtctgataat  taattatgat  aataatatga   660

tagttaaaaa  tacgtcattt  taaacgattt  cccagacaca  cactaaattg  ggtttatgaa   720


<210>    175
<211>    400
<212>    DNA
<213>    Homo sapiens

<400>    175
ttattgtttt  ttaaaaatac  aattttgaaa  tttattgttg  aaaatggaca  catggaacaa    60

accaaacctt  gttttatcat  gtaattttca  gaaaatatgt  gatccataaa  gattaaaaga   120

aagttgtatt  aagtctggca  gctttagtat  taacttgaaa  taaaatatgg  caagctttcc   180

acgtcctcct  ttatttccac  aatccatatg  tacgagctag  attccagtca  gaacttccac   240
```

2848-65-pct.ST25.txt

```
aaatacttca ctctttggta gcagcggtta taaattacgc ctttgctaat ttgcgttgtt      300

cccaaccagg agaaacatta ccacaaaaaa agtcagtttc atcctgcagt gttcccgcag      360

caaccatatt aaagctgaag aataaagctc ctttgtagta                            400
```

```
<210>   176
<211>   222
<212>   DNA
<213>   Homo sapiens

<400>   176
tttttttttt tttttttttt tttttttttt tttttttttc ctttgacagt gaccatttat       60

tacacacatc agactggggg aagaccattg acatagctga gcaccaggta gggtgtcctg      120

ggtattcggg catgagagca gcaggggcct cctgacgcgg gcaggagaaa catggcaccc      180

accaggagga ggaagaggag gaagaggata aggaggaagg tc                         222
```

```
<210>   177
<211>   559
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(559)
<223>   n = a,c,t, or g

<400>   177
aattcgcggc cgcgtcgacg ctgcgagaag acgacagaag ggccattcta ctaattttaa       60

agaacatctt ggaattttac actcttggaa tcatagtcgt agaatccttt ttttgagaca      120

gagtctcact ctgtcgccca ggctggagtg cagtggccag atctcagctc actgaaacct      180

cagcctccca agttcaagtg attctcgtac ctcagcctcc tgagtagctg gaattccagg      240

ctgtactcac tgctttgctc atatccccgc tcattaccag ggacaggcca gcacccctgg      300

cattgcatct cacatatcca ctgatggatg gagaacagac tgaaattcag tgccttagag      360

accacacact ccaaccccct cattgtgcag atgggaaaac tgagagccat agaagggaag      420

tggcttgccc aaagccacac ttactgtttt ccccacactg taccacaaac tttcaccatt      480

cttcaggttt ggaaaaatac taataaactg atcaacacta aaaaaaaaaa agcggccgct      540

cggttgtngc gcggccggg                                                   559
```

```
<210>   178
<211>   421
<212>   DNA
<213>   Homo sapiens

<400>   178
aattttcaag gctttttattg gctgtagaaa tggtctggga gacaaatgtc ctaaaaatcc       60

ccaatttccc ttaactggct tcacaatctt tggcaagtca ctttacctct ctgagccccc      120

atgccctcat ctctgcacta ggtctgcctt gacacttttg tttgcagggt ttaggaccag      180
```

2848-65-pct.ST25.txt

```
atggaagtgc cttgtaaact gaaaaatacc acattatata tcatatcaca ttattatact      240

ttctgataaa tggttacaaa gctatctgaa atagaagttt acattttatt tctgattaac      300

tttcaatatt aagtgataga acctaagaag caaaagcgaa cataaaattc aactggaaaa      360

tttgaaagag aaatggtttt ttctctagga aatttgcact ataactttt tcccaccatc       420

c                                                                      421
```

```
<210>   179
<211>   462
<212>   DNA
<213>   Homo sapiens

<400>   179
tttcactttt tcattatttt attgttgttt tagtagcatt ttgaggtgaa tgtatgcata       60

atcagtgaat tagacaagca tgcacataca tgatatctga tcaaacattt ttttgtctct      120

catcatcctc ataaaattta ttcagtggga gaagcttttt cttccatcag atacattcca      180

gttgtatgcc aacatactca ggtaagagca acattttggt cattttaaat agtttggtaa      240

ttatgactcc cagtcgccta caataagaag aaactacaat aatttagtac taaatttttc      300

ttccctctcc aactgagtct tgtgttgagt tgcctacttg cgctagcaca tcttcccttg      360

ctggttgaca ttttttgctaa gatttctccc tctccttcca ccccaccttg gacacggagg     420

tttctggcct ccctttcccc aggtccccaa aaaagaaatc tg                        462
```

```
<210>   180
<211>   526
<212>   DNA
<213>   Homo sapiens

<400>   180
tttgacattt tgtttatttt attttaaata ttaatatatt cctcaccttg ttctggggag       60

gatttgagac tgctcatatg atatgcatgc cataaattag taaaatgcaa taaaaaataa      120

agcatcagac cacagaaact atgccatggg tggtatagca ggccgtaggc ggctgtaaag      180

ttgatccgga attggccttc agtctcttag tggtcaactg aaagggtgtt gtggtcacat      240

acatggctct cattcacaag agggcaatgt accagctctt agaagaagca aaactttttc      300

tagtacttga ctctaaggaa aattacccac ctcggcccag atgaaagaga ctagcgtgga      360

taatgtcctc aaaacatggc agcaaattca ggctcagttt ctctgggctg tgtcctgcag      420

gaagatccaa ggtggtcacc ctcagcctct gctcagtgag agcactgaaa tccacactcc      480

cttgagcaaa gaaacgatct gtatgtttca attctttctt cagcac                    526
```

```
<210>   181
<211>   350
<212>   DNA
<213>   Homo sapiens

<400>   181
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt ttggaaacag       60
```

```
ggcctcgctg ggtggccctg actgctctaa aactccggag ttaaagggat cctcccacct      120

caccctccca agtagctggg attacaggca tgtcccactg gcctagctg  aaacatcagt       180

ttctgactga aggggaaact acaacaactt tagggtttcc cttaaaagga ttacggccat       240

ggggaacttg actgagtaaa caaggctata aataaaaagc ttttccaaaa cattaaccat       300

gggaagcatc attatcccca taaaggggg  gcatccaggt taaatggccc                  350


<210>   182
<211>   400
<212>   DNA
<213>   Homo sapiens

<400>   182
tttttttttt ttttttcac  tttttaaaaa tctttattaa taaagtaatt cattataatt        60

tttgaaaaaa aaaagtttta aaatggtctg ccaacatgtt aatgtaggtt aggccatcca       120

aaagacaaag caaaacatca acattaagtc ataggctagg attatacaaa tgagaacccc       180

caccttatac attacttaat ataagttaac tacaaagagc ctctccactt acatttttat       240

catgcatctt acatttaaag gcccttattc ttttatagaa aaggtcataa tacccaataa       300

aaaagaatct gtaatatccc tgatgcagca acaattgatc acatgctttc acatgtgacc       360

acaataggaa taaaataaca gcgtaaagaa atttgaaagt                             400


<210>   183
<211>   336
<212>   DNA
<213>   Homo sapiens

<400>   183
aaccggtcct tctccaacct ccaacttttg gtttttggaa aaatgtttct ctaacacctc        60

aacagtttaa ggtaatttag tacacatata tcagtatttt ggtgatctga aaaagcaacc       120

cattttctaa attcatattt ttcctaaaac tttactatgt ttttatttta agaggttcct       180

gttatataca cttttttacac atgcaaataa actttatacc aagtgagtaa aaaaaaaaa       240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaga  aaaaagaaaa       300

aaaaaaaaaa aaaaaaagaa ggaaaaaaaa aaccaa                                 336


<210>   184
<211>   628
<212>   DNA
<213>   Homo sapiens


<220>
<221>   misc_feature
<222>   (1)..(628)
<223>   n = a,c,t, or g

<400>   184
cggcaaaagg ggaagcccaa ggcgtaattt gggtaccncc aggcacaagt ccgaccgttg        60

taaaacggcg gccagttaat ttttttatat ttaaaaaggg tgaggataag atagagaaag       120
```

2848-65-pct.ST25.txt

```
tgtttttttt tttttagaaa tcccacattt taatacattg ccatgcacat aaggagtcaa      180

gtaatgctga atacaaaata gtcaaatatc caaaatgata aagcagattt ccagcctga       240

tagagatcat gctcacagat acaagggagg caaacatctg tacagtttca tttttatcca      300

ttttataaga gtcatgcccc cctcaactct ttttgaggac aactggaaac agaaggaaac      360

ataagaatat acaaaggaga cccaaaggga attggcaagt tgatagctgc tgaagatatg      420

gaaatcggtg gttcaaaatt gtggtacaca ataattctta tgtttagaga aaaaaagttt      480

ctaaacatct tatgccctgg aagccaggaa actaaagtgg atatccaaca gaaaaggcac      540

tcttgttttta ccacataact tgattgcctc ctcctaagtc tagtcctggg agtttttcta      600

ggatgcacag aggaaaaaaa aaaaaaaa                                          628
```

```
<210>    185
<211>    997
<212>    DNA
<213>    Homo sapiens

<400>    185
cattagaaca caccatacaa atgttagttc tatatggcca agacatctga tttaaatttg       60

atgaaacaca gcatgtcatt gttttctaga acttaaccat tttcgcttct agaatttcag      120

tatgattgta ggcaatgcca ctgaggcagc tgtgtcatcc ttcgtgcaaa atctttctgt      180

catcattcgg caaaacccat caaccacagt ggggaatctg gcttcggtgg tgtcgattct      240

gagcaatatt tcatctctgt cactggccag ccatttcagg gtgtccaatt caacaatgga      300

ggatgtcatc agtatagctg acaatatcct taattcagcc tcagtaacca actggacagt      360

cttactgcgg gaagaaaagt atgccagctc acggttacta gagacattag aaaacatcag      420

cactctggtg cctccgacag ctcttcctct gaatttttct cggaaattca ttgactggaa      480

agggattcca gtgaacaaaa gccaatcaaa aggggttaca gctatcagat taaaatgtgt      540

ccccaaaata catctattcc catcagaggc cgtgtgttaa tcgggtcaga ccaattccag      600

agatcccttc cagaaactat tatcagcatg ggctcgttga ctctggggaa cattctaccc      660

gtttccacac aatggaaatt gtcaggtcaa tggacctgtg atatccacgg cttattcaaa      720

acttattcca taaatgaagc tttctatttt ttccaagata gaagtcaaac tgaaggccag      780

ctcaatgtct gtatggggac ttcaatcctt tggcggtgga agcatgccag gttgtcacct      840

attgaaagtg aactaagaac attggtgacg gtgcccatgt tactcacatg aactcctctc      900

acgattgtgt ccccatttgg tcacctctac aaattttccc gctggacaac tgtgtaccac      960

atgtgggaca cggtatcccc ggacacacac taagacg                               997
```

```
<210>    186
<211>    447
<212>    DNA
<213>    Homo sapiens
```

2848-65-pct.ST25.txt
```
<220>
<221>  misc_feature
<222>  (1)..(447)
<223>  n = a,c,t, or g

<400> 186
tttgattgaa aaaaatatga aatttaattt tagacatggc aagttcaatt acatcacttc      60

atatcacagt agaaaatata atttgttcta ccatgggaaa tagtataatg gaatagatca     120

caatagtagt ataataaaat agaatatcca agtgcaaaaa caattttcaa gtaagtacac     180

acactgtttg aaggtacttt attaagatca aagatttttc attacattta tttataaatc     240

cttcctagtc aaaataaaat aataaaaatc tgtatcttta gaaagaacat agttttgtaa     300

gtctgagaag gttatgtttg tcagtttcaa attattacag tttagataca ttcaatcatt     360

acacaatacc aggaaggtca gccttaaaga taccaagaac ttccatantt gtcagtaaaa     420

taagggtaaa aaattaaatt ttacttt                                        447


<210>  187
<211>  521
<212>  DNA
<213>  Homo sapiens


<220>
<221>  misc_feature
<222>  (1)..(521)
<223>  n = a,c,t, or g

<400> 187
agcgcagann gncagangcn gananaaatc actaccaata taatggattt tatatatcag      60

attgctttat tctggatatc atggtaacaa tacagaaagt atacataatt tcccatttct     120

gcaagtagtc atgactgctg aagaaagaaa aacttaaagc tacggcagaa ttattttatc     180

ggaaattctg attttgtttt taatttttga taacttttta ctaaaggtat gaacacacaa     240

agagcttatt ttgttaggca aatacacatt aataagaatg cctagaagag gactgattct     300

tcacacccgg acccactggt tgctgttggg ccttgctttg ctcttgcagt ttggtattat     360

ttatgtacct cctggaatgt gcccccagga ctgatggaaa tgcatctctt cctgggtgtt     420

gttggggaaa attatggtaa agagtattat caagccctcc tacaggaaca agaagaacat     480

tatcagacca gggcaaccag tctgaaacgc caaattgccc a                        521


<210>  188
<211>  342
<212>  DNA
<213>  Homo sapiens

<400> 188
tttgacactt gatagatgtt tttattgaaa ttccttcacc aaaggaatat ttacttgtga      60

atctctaagc ccacacacat acacaaatac cattctgtac aaacatacgt atttaataat     120

ttgattcttc tgctcaatac tcaaaggggg ctgggaggaa cagtttgtct cctagggcat     180

gacatagact ggacagtctt tttataagag tgatacaact gggaagggag aacgctgttt     240
```

2848-65-pct.ST25.txt

```
cagaagataa ctcagatcct cttcttcagg aaagactgag tttggaacac cagggctttt      300

tttttttttt tttttttttt tttttttttt tttttttttt tt                        342


<210>   189
<211>   710
<212>   DNA
<213>   Homo sapiens

<400>   189
gaaacataga agaagcatta gccccagttt gtataaaatg tctgctgcaa ctgaattcat       60

gatagttcat gaaaactgaa aatcattcca attttgtaaa actgctgcta ctggttttat      120

caataaagtt ttagcagatg gaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      180

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      240

aaaaaactca agggcaacc caatgcccat tataacaaaa agaaaaact tttaaaagcc         300

ctggcgggac ccaattaaac cttactggcg ggaaaacccc tttttccccc ctgttttaat      360

acctggcagg ccttgcaaat atcgcccttt ccacaatttg ccaacgtgac ggaccaatgc      420

cttttccaa acggttatat accctaaagg cccactggaa aaattctttc caaaaaatgt       480

caggttaaaa aaccgggtaa accgaattgt gaaacacccc tcttttttc acaatattgc        540

cccaaaaatt tgtgataacc tcgtgtgact ctttcggaac caacggggcc aacttgttaa      600

aaacttcgtc ctactacgga acaagtggcc cacaattggg gaaccatggc tttccccttt      660

tacgggcaaa ataccccttt ataaggactt ttggcccccct cgtgacgcg               710


<210>   190
<211>   427
<212>   DNA
<213>   Homo sapiens

<400>   190
ggtaagaaaa gaacatttta tttccagtct attacaaaca gtgtctgggt ttagaaacag       60

ccgacagtga agggacaaag aggtgttcac agggagctgc tgggctgtgg tcagggcagg      120

ctccaggctg tgcaagagga agccacccag ggcaggggac aatgggccca acacagcccc      180

acctccgacg caggggctga ggcctgggcc aggggaaaca caggccaagc cagcctttgg      240

ccctgcgagg aggttcagac aagagccagc ggagctccca ccagggccc gaggcacggc       300

gcctctccca gtggggtcag caggcgaggc tgctctgagg acaccacctg ctcccggaac      360

cttcccacaa gggcttcact ggggaacagt ggggcccaga acccagagac cccgcaagcc      420

acacagc                                                               427


<210>   191
<211>   504
<212>   DNA
<213>   Homo sapiens

<400>   191
tttttttttt tttttgaga cgagtctcgc tctgtcgcca ggctggagtg caattgtgca        60
```

2848-65-pct.ST25.txt

```
atctcggctc actgcaacct ccactccagc ctggtgaaag agcaaggttc cgtccaaaat      120

aataataata ataaataaa atattctaaa agtatgacgt caagatggcc ttaaaaaaaa      180

aagctttatg gaaaactgtg acaggccata tacaaatgtg aggtattcat cacccaaaga      240

tgccatttgc tgagcaacta ctaagcgcta ggcacgtgct ggatgctttg cctaaatcag      300

tatgtcacca ccacaagagg ccttccctga ctaccctgtt aaagtaaatc cactcctctc      360

cccactcgct agttattctc tcacgttccc tgttttttcc ttcttactac tccttgtaat      420

ttatgatgtt tttgtgtgct ttttcaatcc tcttccacca gacagactat tagcttgcca      480

tgaacaggag tcatgttggt gagc                                             504
```

```
<210>    192
<211>    321
<212>    DNA
<213>    Homo sapiens

<400>    192
tttttttgc aagaaatcat aattttgctg tctcaaagaa actttataac ttatttacaa       60

agttttttc ccaagataca aagcaataag ttaacattct caatataaaa ctaaactttg      120

acattttgaa cacaaacac agttgttttt aggggtcac attttccaaa tttcacaaga       180

aaaatgtcaa gattctcatt tcacaaagca tggggtttta cagccacaca acagaacgca      240

aaaaggctaa gcttgtgcaa catgtttcca gaacaacaat aataacaata ataataataa      300

caataatatg tacagtcatt a                                                321
```

```
<210>    193
<211>    469
<212>    DNA
<213>    Homo sapiens

<400>    193
tttttttttt tttttttgg agacagggtc tcactctgcc acccaggcgg gagtgcactg       60

ccatgatcac ggctcactgc aatctcaacc tcctgggctc tggtgatcct cccacctcag      120

cctaccaggt agctgggact acaggcacac accaccacac acagctaact tttgtaattt      180

tagtagagat agggttttgg cacgttgccc aggctggtct ggaaatcctg ggctcaagtg      240

atccgcccac cttggcgtcc caaagtgctg ggattacagg tgtgatctac cgcgcccgga      300

ccacctgcac atttaaaatt gtgaacctct ctgtatactt cagtaacttt tcaaagattt      360

ctttgacaca aagttctcag aaatcttaaa gctagcattt cacaacagaa aaaagagct       420

tctggttcac tggtgaaatt ttactaataa aatttaaaaa caaaaagct                 469
```

```
<210>    194
<211>    513
<212>    DNA
<213>    Homo sapiens

<400>    194
tttttttttt tttttttttt tgagatgaaa aaaaaatacc atattttatt gattccaggt       60
```

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2848-65-pct.ST25.txt

```
tcttgcagta atcaaacaga taaaagatcc tttaatactg gtgcttggac agggttttac      120

aaaacagaaa gattatgcaa tacttaatat ttggtaacaa tttttagcac atagtaaata      180

ttttattact ttgggtaata aacattctga aaaataaatt ctttcattat gatataactt      240

atgatcctca ccctaacatg gctatgttct ctaattactc ctttgtaagt aaaatcataa      300

gtaataatag ttgtaatcac aagtaatact agttttaatc ataatacaca cataattttg      360

aatcctgatt tttctactta aaagtatgta atgaccatgt tactatcttg ctacataatt      420

ttcataatca tcatttgaaa attgtacatt gtacctgatc atatggatat accataaatc      480

acaaaccaca gctataccat attatcctag gca                                   513
```